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# TV Service Manual

## Chassis LX

**Davio 20**
**LCD 51-5710 Text** GBF6600

**Davio 20**
**LCD 51-5732 DVB-T** GBG1300

**Lenaro 19**
**LXW 49-7711 Text** GBF6400

**Lenaro 26**
**LXW 68-7732 DVB-T** GBG1100

**Lenaro 32**
**LXW 82-7732 DVB-T** GBG1400

**Monaco 20**
**LCD 51-9732 DL** GBF0300

**Vision 6**
**32-6820** GBG6500

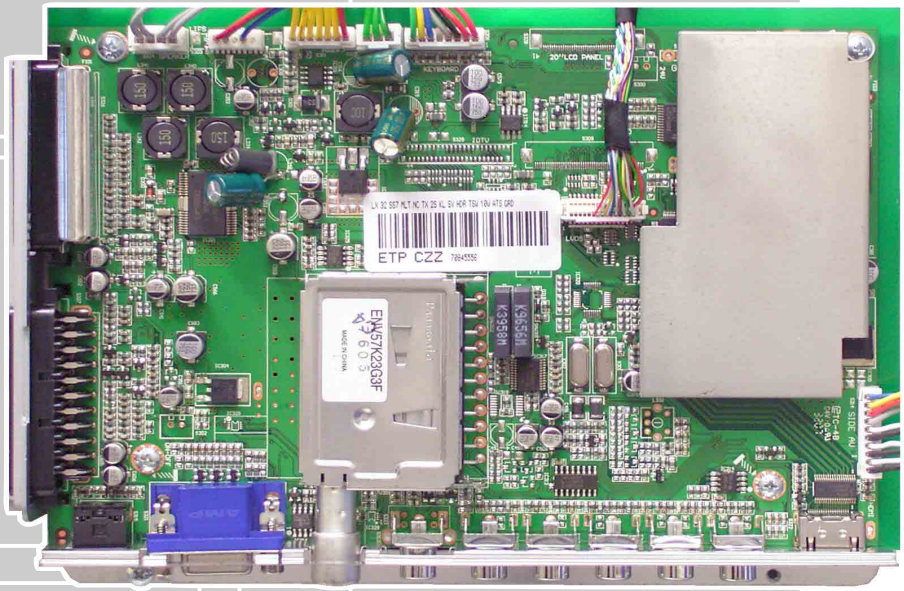
**Vision 20**
**LCD 51-8720 Text** GBF0800

**Vivance II 32**
**LXW 82-6711 Text** GBF8500

**Lenaro 19**
**LXW 49-7741 DVB-T** GBG1200

**26**
**LXW 68-8600 DL** GBF8600

**32**
**LXW 82-8600 DL** GBF7300




Zusätzlich erforderliche Unterlagen für den Komplettservice
Additionally required Service Documents for the Complete Service

**Service Manual**

Sicherheit
Safety

Materialnr./Part No.
720108000001

**Vorabversion**
**Preliminary Version**

Materialnummer / Part Number 720100529000
Änderungen vorbehalten / Subject to alteration
TCC 1007 MP • Prepared in Germany
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Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Materialnummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

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**Vorabversion**
**Preliminary Version**

# Platinenabbildungen und Schaltpläne / Layout of PCBs and Circuit Diagrams

## Hauptplatte / Main Board

| POS. | X | Y |
|---|---|---|
| C300 | T 26 | 124 |
| C301 | B 19 | 69 |
| C302 | T 20 | 56 |
| C303 | B 18 | 55 |
| C304 | T 37 | 78 |
| C305 | T 22 | 105 |
| C306 | T 24 | 108 |
| C307 | T 123 | 80 |
| C308 | B 11 | 34 |
| C309 | B 8 | 34 |
| C310 | T 40 | 44 |
| C311 | T 45 | 45 |
| C312 | B 14 | 21 |
| C313 | B 15 | 29 |
| C314 | T 39 | 33 |
| C315 | T 45 | 28 |
| C316 | T 16 | 72 |
| C317 | T 20 | 67 |
| C318 | T 17 | 79 |
| C319 | T 26 | 82 |
| C320 | T 15 | 56 |
| C321 | T 17 | 56 |
| C322 | T 122 | 84 |
| C323 | B 11 | 75 |
| C324 | B 11 | 78 |
| C325 | T 10 | 170 |
| C326 | T 38 | 60 |
| C327 | T 71 | 179 |
| C328 | T 29 | 131 |
| C329 | T 30 | 59 |
| C330 | T 30 | 58 |
| C331 | T 34 | 57 |
| C332 | T 34 | 60 |
| C333 | T 18 | 185 |
| C334 | T 23 | 124 |
| C335 | T 14 | 177 |
| C336 | T 33 | 68 |
| C337 | T 70 | 182 |
| C338 | B 64 | 171 |
| C339 | B 67 | 165 |
| C340 | B 66 | 143 |
| C341 | B 70 | 143 |
| C342 | B 79 | 138 |
| C344 | T 34 | 55 |
| C345 | T 93 | 32 |
| C346 | T 45 | 129 |
| C347 | T 96 | 32 |
| C348 | T 102 | 34 |
| C349 | B 21 | 54 |
| C350 | T 122 | 188 |
| C351 | T 97 | 29 |
| C352 | T 23 | 45 |
| C353 | T 17 | 42 |
| C354 | B 18 | 37 |
| C355 | B 75 | 146 |
| C356 | B 83 | 145 |
| C357 | T 86 | 155 |
| C358 | B 82 | 168 |
| C359 | B 61 | 165 |
| C360 | B 60 | 169 |
| C361 | B 57 | 169 |
| C362 | B 51 | 163 |
| C363 | B 53 | 159 |
| C364 | B 76 | 168 |
| C365 | B 65 | 165 |
| C366 | B 55 | 156 |
| C367 | B 51 | 144 |
| C368 | B 55 | 143 |
| C369 | B 75 | 140 |
| C370 | B 55 | 164 |
| C371 | B 51 | 140 |
| C372 | B 81 | 138 |
| C373 | B 51 | 152 |
| C374 | B 51 | 147 |
| C375 | B 57 | 141 |
| C376 | B 60 | 143 |
| C377 | B 15 | 37 |
| C378 | T 93 | 134 |
| C379 | T 91 | 156 |
| C380 | T 50 | 60 |
| C381 | T 66 | 186 |
| C382 | T 20 | 177 |
| C383 | T 102 | 36 |
| C384 | T 13 | 94 |
| C385 | T 13 | 84 |
| C387 | B 76 | 177 |
| C388 | B 74 | 177 |
| C389 | T 56 | 50 |
| C390 | T 85 | 135 |
| C391 | T 22 | 148 |
| C392 | T 32 | 83 |
| C393 | T 29 | 135 |
| C394 | T 24 | 137 |
| C395 | T 10 | 159 |
| C396 | T 58 | 60 |
| C397 | B 25 | 181 |
| C398 | B 36 | 176 |
| C399 | B 36 | 181 |
| C400 | B 43 | 176 |
| C401 | B 43 | 181 |
| C402 | B 40 | 172 |
| C403 | B 36 | 172 |
| C404 | B 38 | 176 |
| C405 | B 39 | 164 |
| C406 | B 81 | 147 |
| C407 | B 78 | 150 |
| C408 | T 77 | 173 |
| C409 | B 78 | 168 |
| C410 | T 122 | 154 |
| C411 | B 127 | 56 |
| C412 | T 111 | 127 |
| C413 | T 108 | 127 |
| C414 | B 113 | 126 |
| C415 | T 99 | 17 |
| C416 | T 85 | 153 |
| C417 | T 125 | 133 |
| C418 | T 111 | 39 |
| C419 | T 85 | 131 |
| C420 | T 89 | 135 |
| C421 | T 93 | 162 |
| C422 | T 77 | 176 |
| C423 | T 75 | 176 |
| C424 | T 8 | 159 |
| C425 | T 41 | 105 |
| C426 | T 125 | 152 |
| C427 | B 121 | 82 |
| C428 | B 122 | 106 |
| C429 | T 125 | 100 |
| C430 | T 127 | 165 |
| C431 | B 122 | 131 |
| C432 | T 125 | 148 |
| C433 | T 127 | 168 |
| C434 | T 125 | 136 |
| C435 | T 125 | 149 |
| C436 | T 111 | 44 |
| C437 | T 111 | 40 |
| C438 | T 111 | 36 |
| C439 | T 111 | 42 |
| C440 | T 111 | 37 |
| C441 | T 111 | 34 |
| C442 | T 110 | 146 |
| C443 | T 107 | 146 |
| C444 | B 42 | 164 |
| C446 | T 125 | 144 |
| C447 | T 125 | 126 |
| C448 | T 121 | 21 |
| C449 | T 121 | 7 |
| C450 | T 125 | 105 |
| C451 | T 125 | 115 |
| C452 | T 125 | 123 |
| C453 | T 125 | 139 |
| C454 | T 121 | 15 |
| C455 | T 121 | 10 |
| C456 | T 125 | 109 |
| C457 | T 125 | 113 |
| C458 | T 51 | 17 |
| C459 | B 52 | 18 |
| C460 | T 103 | 17 |
| C461 | T 104 | 21 |
| C462 | T 125 | 128 |
| C463 | T 125 | 141 |
| C464 | T 121 | 18 |
| C465 | T 121 | 13 |
| C466 | T 125 | 112 |
| C467 | T 125 | 120 |
| C468 | T 49 | 21 |
| C469 | T 54 | 21 |
| C470 | T 103 | 21 |
| C471 | T 105 | 23 |
| C472 | T 114 | 117 |
| C473 | T 125 | 104 |
| C474 | B 125 | 113 |
| C475 | B 124 | 158 |
| C476 | T 125 | 154 |
| C477 | T 114 | 139 |
| C478 | T 111 | 142 |
| C479 | T 127 | 167 |
| C480 | B 20 | 17 |
| C481 | T 36 | 17 |
| C482 | T 41 | 17 |
| C483 | T 45 | 17 |
| C484 | T 34 | 17 |
| C485 | T 39 | 17 |
| C486 | T 48 | 21 |
| C487 | T 79 | 18 |
| C488 | T 98 | 17 |
| C489 | T 77 | 18 |
| C490 | T 107 | 110 |
| C491 | T 100 | 115 |
| C492 | T 107 | 104 |
| C493 | B 90 | 94 |
| C494 | T 115 | 102 |
| C495 | B 104 | 103 |
| C496 | B 72 | 107 |
| C497 | T 88 | 116 |
| C498 | T 90 | 103 |
| C499 | B 90 | 105 |
| C500 | T 92 | 116 |
| C501 | T 91 | 116 |
| C502 | B 103 | 114 |
| C503 | T 96 | 116 |
| C504 | B 92 | 105 |
| C505 | B 94 | 119 |
| C506 | T 107 | 115 |
| C507 | B 103 | 126 |
| C508 | T 114 | 138 |
| C509 | T 114 | 136 |
| C510 | B 84 | 94 |
| C512 | B 109 | 104 |
| C513 | B 97 | 95 |
| C514 | B 101 | 95 |
| C515 | T 91 | 103 |
| C516 | T 108 | 122 |
| C517 | T 111 | 122 |
| C518 | T 110 | 130 |
| C519 | B 111 | 126 |
| C520 | T 117 | 132 |
| C521 | T 117 | 133 |
| C522 | T 118 | 105 |
| C523 | B 106 | 112 |
| C549 | B 12 | 29 |
| C550 | B 11 | 23 |
| C551 | T 41 | 23 |
| C553 | T 49 | 53 |
| C554 | T 45 | 47 |
| C555 | T 53 | 46 |
| C556 | T 47 | 26 |
| C557 | T 59 | 29 |
| C558 | T 53 | 24 |
| C559 | T 24 | 138 |
| C560 | T 51 | 27 |
| C561 | T 54 | 46 |
| C562 | T 56 | 46 |
| C563 | T 53 | 27 |
| C564 | T 55 | 27 |
| C565 | T 58 | 46 |
| C566 | T 70 | 33 |
| C567 | B 72 | 173 |
| C568 | B 72 | 177 |
| C578 | B 49 | 52 |
| C579 | T 18 | 98 |
| C580 | T 25 | 98 |
| C581 | T 53 | 14 |
| C582 | B 22 | 14 |
| C583 | T 37 | 14 |
| C584 | T 28 | 14 |
| C585 | T 41 | 14 |
| C586 | T 46 | 14 |
| C587 | B 23 | 8 |
| C588 | B 103 | 8 |
| C589 | T 74 | 14 |
| C590 | B 89 | 7 |
| C591 | T 82 | 14 |
| C592 | T 48 | 14 |
| C593 | B 54 | 14 |
| C594 | T 106 | 14 |
| C595 | T 107 | 14 |
| C596 | T 51 | 14 |
| C597 | T 56 | 14 |
| C598 | T 103 | 14 |
| C599 | T 107 | 17 |
| C600 | T 72 | 10 |
| C601 | T 59 | 13 |
| C602 | T 68 | 12 |
| C603 | T 62 | 12 |
| C605 | T 111 | 16 |
| C606 | T 117 | 16 |
| C607 | T 65 | 21 |
| C608 | T 62 | 21 |
| C609 | T 97 | 24 |
| C610 | T 87 | 24 |
| C611 | B 70 | 173 |
| C612 | B 68 | 177 |
| C613 | T 82 | 17 |
| C614 | B 112 | 14 |
| C615 | B 117 | 14 |
| C616 | T 65 | 176 |
| C617 | B 13 | 58 |
| C619 | T 52 | 102 |
| C620 | T 65 | 60 |
| C621 | T 64 | 72 |
| C624 | T 78 | 118 |
| C626 | T 81 | 123 |
| C627 | T 74 | 133 |
| C629 | T 73 | 118 |
| C630 | T 74 | 118 |
| C631 | T 121 | 73 |
| C632 | B 130 | 155 |
| C633 | T 76 | 118 |
| C634 | T 80 | 125 |
| C635 | T 125 | 95 |
| C636 | B 16 | 14 |
| C639 | T 80 | 14 |
| C640 | T 104 | 146 |
| C641 | T 72 | 21 |
| C642 | T 87 | 29 |
| C643 | T 43 | 60 |
| C645 | T 64 | 90 |
| C646 | T 64 | 91 |
| C647 | B 63 | 96 |
| C648 | B 60 | 96 |
| C649 | B 60 | 88 |
| C650 | B 52 | 98 |
| C651 | B 53 | 89 |
| C652 | B 64 | 86 |
| C654 | B 54 | 85 |
| C655 | B 47 | 92 |
| C656 | B 56 | 85 |
| C657 | B 50 | 95 |
| C658 | B 58 | 96 |
| C659 | B 49 | 89 |
| C660 | B 59 | 85 |
| C662 | B 65 | 96 |
| C663 | T 64 | 95 |
| C664 | T 60 | 101 |
| C665 | T 56 | 101 |
| C666 | T 59 | 82 |
| C667 | T 54 | 82 |
| C709 | T 64 | 93 |
| C710 | B 11 | 40 |
| C711 | T 60 | 60 |
| C712 | T 38 | 62 |
| C719 | B 16 | 73 |
| C940 | B 72 | 9 |
| C941 | T 80 | 33 |
| C942 | B 70 | 9 |
| C943 | T 62 | 18 |
| C944 | T 92 | 24 |
| C947 | T 43 | 114 |
| C950 | T 13 | 97 |
| C951 | T 13 | 89 |
| C952 | B 12 | 91 |
| C953 | B 42 | 122 |
| C954 | B 32 | 119 |
| C955 | B 28 | 119 |
| C956 | B 38 | 118 |
| C957 | B 66 | 133 |
| C958 | B 38 | 122 |
| C959 | B 53 | 121 |
| C960 | B 51 | 121 |
| C961 | B 47 | 124 |
| C962 | B 43 | 126 |
| C963 | B 40 | 126 |
| C964 | B 38 | 126 |
| C965 | B 40 | 118 |
| C966 | B 41 | 118 |
| C967 | B 44 | 118 |
| C968 | B 40 | 122 |
| C969 | B 50 | 127 |
| C970 | B 52 | 125 |
| C971 | B 52 | 129 |
| C972 | B 39 | 132 |
| C973 | B 37 | 132 |
| C974 | B 40 | 132 |
| C975 | B 42 | 134 |
| C976 | B 50 | 131 |
| C977 | B 31 | 133 |
| C978 | B 33 | 133 |
| C979 | B 40 | 136 |
| C980 | B 38 | 136 |
| C981 | B 30 | 174 |
| C982 | B 12 | 87 |
| C983 | T 88 | 36 |
| C984 | B 68 | 9 |
| C985 | B 47 | 28 |
| C986 | B 46 | 46 |
| C987 | B 49 | 163 |
| C988 | B 22 | 118 |
| C989 | T 70 | 26 |
| C990 | T 80 | 26 |
| D300 | T 46 | 24 |
| D301 | T 24 | 60 |
| D304 | T 33 | 64 |
| D305 | T 30 | 55 |
| D306 | T 37 | 58 |
| D307 | T 19 | 164 |
| D308 | T 122 | 172 |
| D309 | T 122 | 57 |
| D310 | B 129 | 45 |
| D311 | B 128 | 33 |
| D312 | B 124 | 56 |
| D313 | B 130 | 37 |
| D314 | T 114 | 32 |
| D315 | T 117 | 35 |
| D316 | T 117 | 39 |
| D317 | T 117 | 43 |
| D318 | T 75 | 112 |
| D320 | T 34 | 50 |
| D326 | B 81 | 15 |
| D327 | B 77 | 14 |
| IC300 | T 25 | 127 |
| IC301 | T 17 | 62 |
| IC302 | T 42 | 70 |
| IC303 | T 16 | 173 |
| IC304 | T 96 | 39 |
| IC305 | T 80 | 183 |
| IC306 | T 11 | 154 |
| IC307 | T 49 | 102 |
| IC308 | T 82 | 133 |
| IC309 | T 66 | 154 |
| IC310 | T 34 | 178 |
| IC311 | T 33 | 175 |
| IC312 | T 12 | 163 |
| IC313 | T 118 | 121 |
| IC314 | T 118 | 156 |
| IC315 | T 120 | 180 |
| IC316 | T 128 | 58 |
| IC317 | T 92 | 109 |
| IC318 | T 45 | 102 |
| IC319 | T 100 | 105 |
| IC320 | T 73 | 125 |
| IC321 | T 49 | 37 |
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| IC325 | T 62 | 66 |
| IC326 | T 48 | 106 |
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| IC328 | T 127 | 74 |
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| L300 | B 52 | 168 |
| L301 | B 15 | 68 |
| L302 | T 20 | 80 |
| L303 | T 25 | 89 |
| L304 | T 27 | 89 |
| L305 | T 42 | 109 |
| L306 | T 33 | 75 |
| L307 | T 26 | 71 |
| L308 | T 16 | 49 |
| L309 | B 95 | 134 |
| L310 | T 89 | 161 |
| L311 | T 19 | 168 |
| L312 | T 88 | 164 |
| L313 | T 88 | 165 |
| L314 | B 57 | 164 |
| L315 | T 86 | 135 |
| L316 | B 66 | 171 |
| L317 | T 17 | 180 |
| L318 | T 20 | 179 |
| L319 | T 20 | 180 |
| L320 | T 22 | 162 |
| L321 | T 64 | 181 |
| L322 | T 101 | 32 |
| L324 | T 32 | 90 |
| L325 | T 125 | 97 |
| L326 | B 124 | 74 |
| L327 | T 125 | 159 |
| L328 | T 114 | 143 |
| L329 | T 122 | 80 |
| L330 | T 100 | 126 |
| L331 | T 100 | 121 |
| L332 | T 104 | 140 |
| L333 | T 112 | 106 |
| L334 | B 77 | 103 |
| L335 | T 116 | 102 |
| L339 | T 33 | 39 |
| L340 | T 21 | 33 |
| L341 | T 21 | 22 |
| L342 | T 33 | 27 |
| L345 | T 29 | 133 |
| L346 | T 24 | 135 |
| L347 | T 41 | 54 |
| L348 | T 39 | 52 |
| L349 | T 22 | 92 |
| L350 | T 20 | 92 |
| L351 | T 49 | 14 |
| L352 | T 54 | 14 |
| L353 | T 104 | 14 |
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| L359 | T 74 | 131 |
| L360 | T 80 | 118 |
| L362 | B 13 | 48 |
| L370 | T 57 | 104 |
| L371 | T 54 | 102 |
| L372 | T 64 | 88 |
| L373 | T 45 | 99 |
| L374 | B 64 | 92 |
| L375 | B 12 | 68 |
| L376 | T 118 | 188 |
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| L378 | B 104 | 184 |
| L379 | T 119 | 188 |
| L380 | B 100 | 184 |
| L381 | T 33 | 39 |
| L382 | T 21 | 33 |
| L383 | T 21 | 23 |
| L384 | T 33 | 27 |
| L910 | B 14 | 87 |
| R300 | T 24 | 133 |
| R301 | T 14 | 77 |
| R302 | B 38 | 54 |
| R303 | T 31 | 49 |
| R304 | T 28 | 49 |
| R305 | B 23 | 54 |
| R306 | T 22 | 53 |
| R307 | B 16 | 43 |
| R308 | B 13 | 43 |
| R309 | T 25 | 155 |
| R310 | T 22 | 154 |
| R311 | T 56 | 124 |
| R312 | B 17 | 150 |
| R313 | B 32 | 139 |
| R314 | T 43 | 138 |
| R315 | T 43 | 140 |
| R316 | T 121 | 147 |
| R317 | T 121 | 149 |
| R318 | T 12 | 59 |
| R319 | T 12 | 56 |
| R320 | T 14 | 56 |
| R321 | T 19 | 56 |
| R322 | T 24 | 105 |
| R323 | T 22 | 108 |
| R324 | T 28 | 120 |
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| R326 | T 29 | 117 |
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| R329 | T 29 | 113 |
| R330 | T 34 | 58 |
| R331 | B 26 | 49 |
| R332 | T 34 | 53 |
| R333 | T 22 | 50 |
| R334 | T 33 | 71 |
| R335 | T 37 | 77 |
| R336 | T 71 | 188 |
| R337 | T 71 | 184 |
| R338 | T 13 | 93 |
| R339 | T 105 | 122 |
| R340 | T 105 | 124 |
| R341 | T 13 | 88 |
| R342 | T 13 | 99 |
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| R344 | T 13 | 86 |
| R345 | T 13 | 96 |
| R346 | T 80 | 135 |
| R347 | T 25 | 159 |
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| R353 | T 28 | 153 |
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| R356 | T 12 | 159 |
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| R360 | T 25 | 153 |
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| R363 | T 67 | 134 |
| R364 | T 51 | 130 |
| R365 | T 51 | 126 |
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| R389 | T 41 | 150 |
| R390 | T 44 | 149 |
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| R393 | T 22 | 149 |
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| R400 | T 41 | 104 |
| R401 | T 74 | 134 |
| R402 | T 125 | 157 |
| R403 | B 122 | 77 |
| R404 | B 122 | 102 |
| R405 | T 125 | 99 |
| R406 | T 131 | 165 |
| R407 | T 125 | 130 |
| R408 | T 125 | 146 |
| R409 | T 131 | 168 |
| R410 | T 125 | 135 |
| R411 | T 125 | 151 |
| R412 | T 114 | 44 |
| R413 | T 114 | 40 |
| R414 | T 114 | 36 |
| R415 | T 114 | 42 |
| R416 | T 114 | 37 |
| R417 | T 114 | 34 |
| R418 | T 109 | 142 |
| R419 | T 110 | 144 |
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| R421 | T 46 | 163 |
| R422 | T 37 | 163 |
| R423 | T 37 | 165 |
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| R427 | T 34 | 187 |
| R428 | T 125 | 102 |
| R429 | B 128 | 113 |
| R430 | B 116 | 148 |
| R431 | B 115 | 151 |
| R432 | T 111 | 31 |
| R433 | T 111 | 32 |
| R434 | T 122 | 59 |
| R435 | T 122 | 61 |
| R436 | T 29 | 167 |
| R437 | T 31 | 167 |
| R438 | B 34 | 164 |
| R439 | B 37 | 164 |
| R440 | T 124 | 172 |
| R441 | B 122 | 91 |
| R442 | T 125 | 73 |
| R443 | B 127 | 155 |
| R444 | T 125 | 125 |
| R445 | T 125 | 143 |
| R446 | T 121 | 8 |
| R447 | T 125 | 117 |
| R448 | T 121 | 20 |
| R449 | T 125 | 107 |
| R450 | T 49 | 17 |
| R451 | T 54 | 17 |
| R452 | T 104 | 17 |
| R453 | T 106 | 21 |

**T:** Koordinaten für die Bauteile der Bestückungsseite / Coordinates of the Components on the component side
**B:** Koordinaten für die Bauteile der Lötseite / Coordinates of the Components on the solder side

**Vorabversion**
**Preliminary Version**

## Hauptplatte / Main Board

| POS. | | X | Y |
|---|---|---|---|
| R454 | T | 125 | 122 |
| R455 | T | 125 | 138 |
| R456 | T | 121 | 16 |
| R457 | T | 121 | 11 |
| R458 | T | 125 | 110 |
| R459 | T | 125 | 118 |
| R460 | T | 48 | 17 |
| R461 | B | 54 | 18 |
| R462 | T | 101 | 21 |
| R463 | T | 107 | 21 |
| R464 | B | 128 | 104 |
| R465 | B | 128 | 118 |
| R466 | B | 128 | 127 |
| R467 | B | 128 | 132 |
| R468 | B | 128 | 140 |
| R469 | B | 128 | 146 |
| R470 | B | 126 | 160 |
| R471 | B | 130 | 160 |
| R472 | T | 105 | 127 |
| R473 | T | 111 | 125 |
| R474 | T | 131 | 167 |
| R475 | B | 20 | 14 |
| R476 | T | 37 | 17 |
| R477 | T | 42 | 17 |
| R478 | T | 45 | 14 |
| R479 | T | 34 | 14 |
| R480 | T | 39 | 14 |
| R481 | T | 46 | 17 |
| R482 | T | 75 | 14 |
| R483 | T | 98 | 14 |
| R484 | T | 75 | 18 |
| R485 | T | 125 | 161 |
| R486 | B | 125 | 128 |
| R487 | B | 125 | 146 |
| R488 | B | 116 | 45 |
| R489 | B | 116 | 41 |
| R490 | B | 116 | 38 |
| R491 | T | 125 | 131 |
| R492 | T | 114 | 39 |
| R493 | T | 121 | 96 |
| R494 | T | 122 | 90 |
| R495 | T | 30 | 113 |
| R496 | T | 25 | 131 |
| R497 | T | 121 | 84 |
| R498 | B | 122 | 86 |
| R499 | T | 111 | 168 |
| R500 | T | 116 | 172 |
| R501 | T | 118 | 172 |
| R502 | B | 119 | 147 |
| R503 | B | 130 | 56 |
| R504 | T | 93 | 103 |
| R505 | B | 94 | 103 |
| R506 | T | 121 | 150 |
| R507 | T | 111 | 29 |
| R508 | B | 130 | 41 |
| R509 | B | 130 | 33 |
| R510 | T | 111 | 163 |
| R511 | T | 114 | 172 |
| R512 | T | 119 | 172 |
| R513 | T | 112 | 48 |
| R514 | T | 112 | 49 |
| R515 | T | 114 | 30 |
| R516 | T | 116 | 49 |
| R517 | T | 112 | 46 |
| R518 | T | 116 | 46 |
| R519 | T | 116 | 48 |
| R520 | T | 112 | 102 |
| R521 | B | 103 | 95 |
| R522 | B | 93 | 94 |
| R523 | B | 82 | 94 |
| R524 | B | 73 | 103 |
| R525 | T | 113 | 102 |
| R526 | T | 118 | 102 |
| R527 | B | 106 | 108 |
| R528 | B | 85 | 102 |
| R529 | B | 79 | 94 |
| R530 | B | 69 | 97 |
| R531 | B | 69 | 101 |
| R532 | T | 75 | 114 |
| R533 | T | 78 | 113 |
| R534 | T | 71 | 112 |
| R535 | T | 84 | 116 |
| R536 | T | 86 | 116 |
| R537 | T | 89 | 116 |
| R538 | T | 94 | 116 |
| R539 | T | 108 | 119 |
| R540 | T | 105 | 119 |
| R541 | T | 105 | 121 |
| R542 | T | 101 | 134 |
| R543 | T | 102 | 130 |
| R544 | T | 104 | 130 |
| R545 | T | 105 | 130 |
| R546 | T | 114 | 130 |
| R547 | T | 110 | 136 |
| R548 | T | 110 | 138 |
| R549 | T | 109 | 130 |
| R550 | T | 117 | 135 |
| R551 | T | 117 | 130 |
| R552 | T | 114 | 141 |
| R553 | T | 100 | 130 |
| R554 | B | 87 | 94 |
| R555 | B | 75 | 103 |
| R556 | T | 108 | 121 |
| R557 | T | 99 | 105 |
| R558 | T | 101 | 105 |
| R559 | T | 97 | 111 |
| R560 | T | 99 | 111 |
| R561 | T | 88 | 103 |
| R562 | T | 111 | 121 |
| R563 | T | 105 | 125 |
| R564 | T | 111 | 124 |
| R565 | T | 112 | 130 |
| R566 | T | 107 | 130 |
| R567 | T | 113 | 112 |
| R568 | T | 113 | 114 |
| R569 | T | 116 | 112 |
| R570 | T | 66 | 29 |
| R571 | T | 23 | 131 |
| R572 | T | 118 | 107 |
| R573 | T | 54 | 50 |
| R574 | T | 55 | 24 |
| R575 | T | 95 | 103 |
| R576 | T | 28 | 124 |
| R577 | T | 29 | 124 |
| R578 | T | 29 | 120 |
| R579 | T | 25 | 124 |
| R580 | B | 35 | 65 |
| R581 | B | 33 | 65 |
| R582 | T | 12 | 53 |
| R583 | T | 41 | 100 |
| R584 | T | 76 | 173 |
| R585 | T | 51 | 46 |
| R586 | T | 51 | 23 |
| R587 | T | 100 | 23 |
| R588 | T | 74 | 173 |
| R589 | T | 85 | 24 |
| R590 | T | 58 | 23 |
| R597 | T | 62 | 23 |
| R599 | T | 57 | 27 |
| R600 | T | 44 | 144 |
| R601 | T | 29 | 138 |
| R602 | T | 29 | 137 |
| R603 | B | 24 | 14 |
| R604 | T | 36 | 14 |
| R605 | T | 42 | 14 |
| R606 | B | 46 | 14 |
| R607 | B | 27 | 14 |
| R608 | T | 33 | 17 |
| R609 | T | 101 | 14 |
| R610 | T | 84 | 14 |
| R611 | T | 87 | 17 |
| R612 | T | 94 | 14 |
| R613 | B | 16 | 17 |
| R614 | T | 29 | 14 |
| R615 | B | 26 | 14 |
| R616 | T | 79 | 14 |
| R617 | T | 89 | 17 |
| R618 | B | 26 | 20 |
| R619 | T | 89 | 14 |
| R621 | T | 94 | 17 |
| R622 | T | 53 | 17 |
| R623 | T | 101 | 17 |
| R624 | T | 53 | 21 |
| R625 | B | 95 | 18 |
| R626 | T | 68 | 20 |
| R627 | T | 58 | 21 |
| R628 | T | 99 | 21 |
| R629 | T | 86 | 20 |
| R630 | T | 65 | 18 |
| R631 | T | 62 | 16 |
| R632 | T | 95 | 24 |
| R633 | T | 90 | 24 |
| R634 | T | 65 | 20 |
| R635 | T | 62 | 20 |
| R636 | T | 94 | 24 |
| R637 | T | 89 | 24 |
| R638 | T | 68 | 21 |
| R639 | T | 58 | 20 |
| R640 | T | 94 | 21 |
| R641 | T | 86 | 22 |
| R642 | B | 70 | 177 |
| R643 | B | 66 | 177 |
| R644 | T | 69 | 173 |
| R645 | B | 68 | 173 |
| R647 | B | 35 | 8 |
| R648 | B | 39 | 8 |
| R650 | T | 60 | 29 |
| R651 | B | 31 | 65 |
| R652 | T | 30 | 61 |
| R653 | T | 62 | 29 |
| R654 | B | 16 | 55 |
| R655 | T | 81 | 125 |
| R656 | T | 73 | 173 |
| R657 | T | 71 | 173 |
| R658 | T | 63 | 72 |
| R659 | T | 63 | 60 |
| R660 | T | 60 | 72 |
| R661 | T | 58 | 64 |
| R662 | T | 61 | 60 |
| R664 | T | 126 | 70 |
| R665 | T | 128 | 70 |
| R666 | T | 68 | 118 |
| R667 | T | 80 | 132 |
| R668 | T | 41 | 102 |
| R669 | T | 69 | 118 |
| R670 | T | 71 | 118 |
| R671 | T | 45 | 106 |
| R672 | T | 51 | 107 |
| R673 | T | 13 | 129 |
| R674 | T | 13 | 91 |
| R675 | T | 15 | 129 |
| R676 | T | 11 | 138 |
| R677 | T | 45 | 110 |
| R678 | T | 104 | 144 |
| R679 | B | 18 | 14 |
| R680 | T | 77 | 14 |
| R681 | T | 64 | 134 |
| R682 | T | 51 | 110 |
| R684 | T | 57 | 129 |
| R685 | T | 56 | 134 |
| R686 | B | 53 | 136 |
| R687 | T | 110 | 139 |
| R688 | T | 117 | 137 |
| R689 | T | 96 | 14 |
| R690 | T | 77 | 132 |
| R691 | T | 77 | 134 |
| R692 | T | 125 | 156 |
| R693 | T | 122 | 96 |
| R694 | T | 123 | 73 |
| R695 | B | 56 | 136 |
| R696 | T | 59 | 125 |
| R697 | T | 60 | 125 |
| R700 | T | 63 | 129 |
| R702 | T | 72 | 20 |
| R703 | T | 27 | 113 |
| R704 | T | 105 | 35 |
| R706 | T | 85 | 29 |
| R707 | T | 78 | 132 |
| R708 | T | 55 | 64 |
| R709 | T | 57 | 64 |
| R721 | T | 64 | 98 |
| R722 | T | 64 | 100 |
| R723 | T | 64 | 96 |
| R724 | T | 64 | 101 |
| R725 | T | 61 | 101 |
| R726 | T | 58 | 101 |
| R730 | T | 42 | 96 |
| R731 | T | 42 | 92 |
| R732 | T | 42 | 89 |
| R733 | T | 42 | 86 |
| R734 | T | 42 | 84 |
| R735 | T | 42 | 83 |
| R736 | T | 52 | 82 |
| R738 | T | 56 | 82 |
| R739 | T | 57 | 82 |
| R740 | T | 100 | 111 |
| R741 | T | 23 | 127 |
| R742 | B | 26 | 65 |
| R743 | T | 43 | 134 |
| R744 | B | 32 | 14 |
| R745 | B | 30 | 14 |
| R746 | B | 113 | 96 |
| R747 | B | 104 | 108 |
| R950 | B | 71 | 19 |
| R951 | B | 73 | 19 |
| R953 | T | 31 | 14 |
| R954 | T | 33 | 14 |
| R955 | T | 60 | 33 |
| R956 | T | 64 | 29 |
| R957 | B | 32 | 170 |
| R958 | B | 30 | 170 |
| R959 | B | 22 | 101 |
| R960 | B | 26 | 101 |
| R961 | B | 24 | 101 |
| R962 | B | 17 | 96 |
| R963 | B | 15 | 96 |
| R964 | B | 11 | 101 |
| R965 | B | 9 | 101 |
| R966 | B | 52 | 166 |
| R967 | T | 22 | 51 |
| R968 | B | 24 | 118 |
| R969 | B | 70 | 28 |
| R970 | B | 83 | 27 |
| S300 | T | 15 | 136 |
| S301 | T | 9 | 63 |
| S302 | T | 104 | 30 |
| S303 | T | 9 | 43 |
| S304 | T | 8 | 44 |
| S306 | T | 9 | 91 |
| S307 | T | 12 | 145 |
| S309 | T | 38 | 124 |
| S311 | T | 50 | 127 |
| S313 | T | 130 | 85 |
| S314 | T | 105 | 187 |
| S315 | T | 130 | 14 |
| S316 | T | 131 | 101 |
| S317 | T | 131 | 115 |
| S318 | T | 131 | 129 |
| S319 | T | 131 | 143 |
| S320 | T | 131 | 157 |
| S321 | T | 124 | 39 |
| S322 | T | 130 | 178 |
| S323 | T | 131 | 85 |
| S324 | T | 9 | 26 |
| S325 | T | 9 | 76 |
| S326 | T | 37 | 8 |
| S327 | T | 97 | 8 |
| S328 | T | 10 | 124 |
| S329 | T | 37 | 93 |
| SAW301 | T | 78 | 110 |
| SAW302 | T | 78 | 105 |
| T213 | B | 71 | 14 |
| T300 | T | 29 | 127 |
| T301 | T | 30 | 52 |
| T302 | T | 25 | 120 |
| T303 | T | 13 | 80 |
| T304 | T | 26 | 117 |
| T305 | T | 26 | 50 |
| T306 | T | 24 | 113 |
| T307 | T | 26 | 53 |
| T308 | T | 122 | 87 |
| T309 | T | 119 | 110 |
| T310 | T | 68 | 17 |
| T311 | T | 58 | 17 |
| T312 | T | 96 | 21 |
| T313 | T | 90 | 21 |
| T314 | T | 29 | 106 |
| T315 | T | 122 | 92 |
| T316 | T | 115 | 110 |
| T317 | T | 111 | 165 |
| T318 | B | 29 | 18 |
| T319 | T | 92 | 17 |
| T320 | T | 83 | 113 |
| T321 | T | 106 | 134 |
| T322 | T | 113 | 134 |
| T323 | T | 108 | 125 |
| T324 | T | 103 | 134 |
| T325 | T | 117 | 140 |
| T326 | B | 23 | 18 |
| T328 | T | 86 | 14 |
| T329 | T | 92 | 14 |
| T330 | T | 110 | 134 |
| T331 | T | 115 | 106 |
| T333 | T | 63 | 26 |
| T334 | T | 60 | 26 |
| T336 | T | 30 | 64 |
| T337 | B | 13 | 53 |
| T339 | T | 76 | 21 |
| T340 | T | 92 | 28 |
| T341 | T | 80 | 129 |
| T342 | B | 19 | 101 |
| T343 | B | 14 | 101 |
| TU301 | T | 92 | 80 |
| TU302 | T | 93 | 80 |
| TU303 | T | 93 | 80 |
| U700 | T | 54 | 91 |
| V300 | B | 122 | 74 |
| V301 | B | 18 | 17 |
| V302 | B | 37 | 14 |
| V303 | B | 29 | 8 |
| V304 | B | 43 | 14 |
| V305 | T | 72 | 14 |
| V306 | T | 99 | 14 |
| V307 | T | 122 | 99 |
| V308 | T | 129 | 104 |
| V309 | T | 128 | 118 |
| V310 | T | 128 | 160 |
| V311 | B | 125 | 131 |
| V312 | T | 128 | 146 |
| V313 | T | 128 | 126 |
| V314 | T | 128 | 140 |
| V315 | T | 128 | 154 |
| V316 | T | 124 | 84 |
| V317 | B | 47 | 8 |
| V318 | B | 52 | 7 |
| V319 | B | 52 | 14 |
| V320 | B | 56 | 14 |
| V321 | B | 107 | 8 |
| V322 | B | 110 | 13 |
| V323 | B | 114 | 8 |
| V324 | B | 115 | 14 |
| X301 | T | 89 | 127 |
| X302 | T | 89 | 122 |
| X700 | T | 57 | 78 |

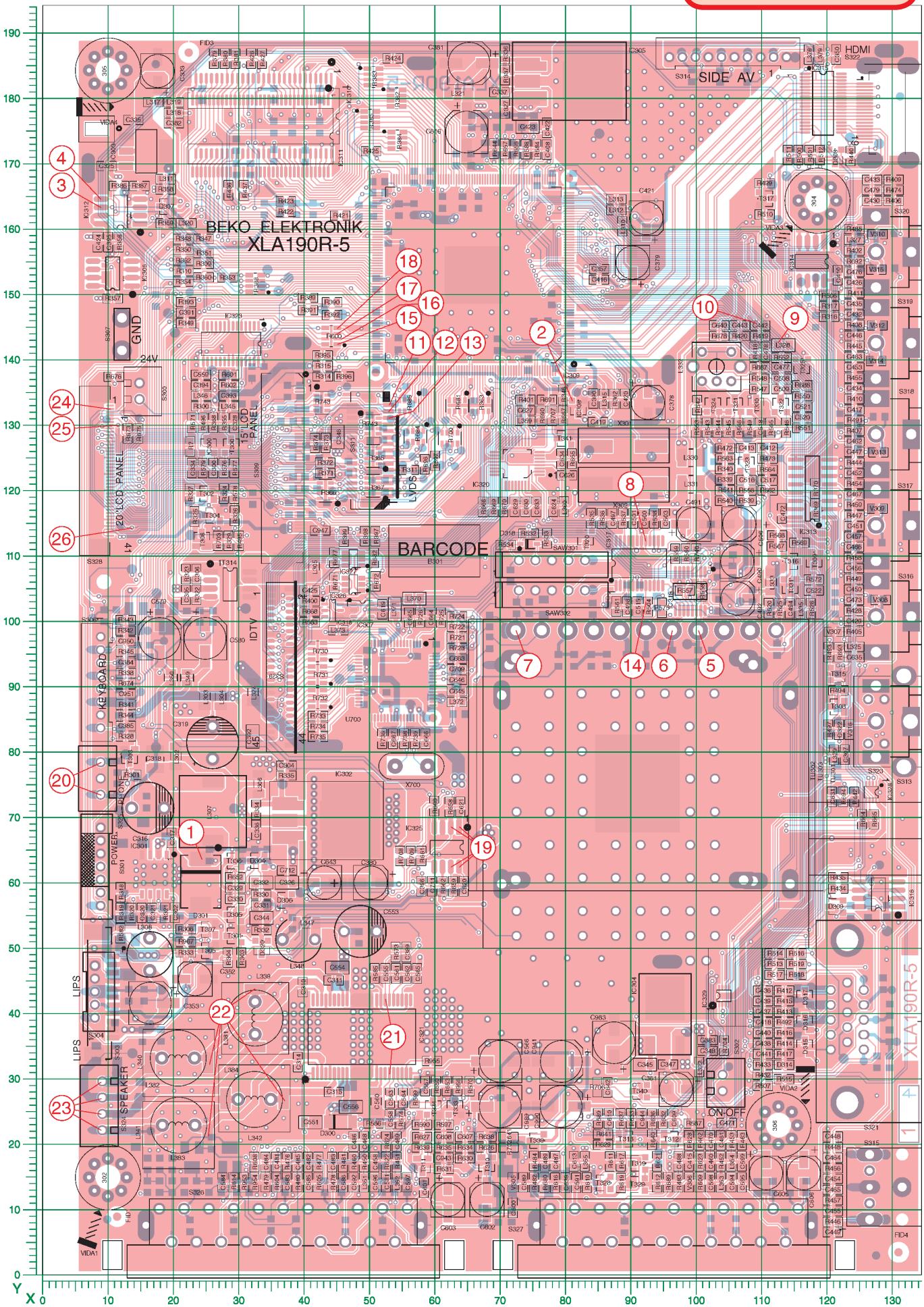
**T:** Koordinaten für die Bauteile der Bestückungsseite / Coordinates of the Components on the component side
**B:** Koordinaten für die Bauteile der Lötseite / Coordinates of the Components on the solder side

**Vorabversion**
**Preliminary Version**

## Hauptplatte / Main Board

Ansicht von der Bestückungsseite / View of Component Side

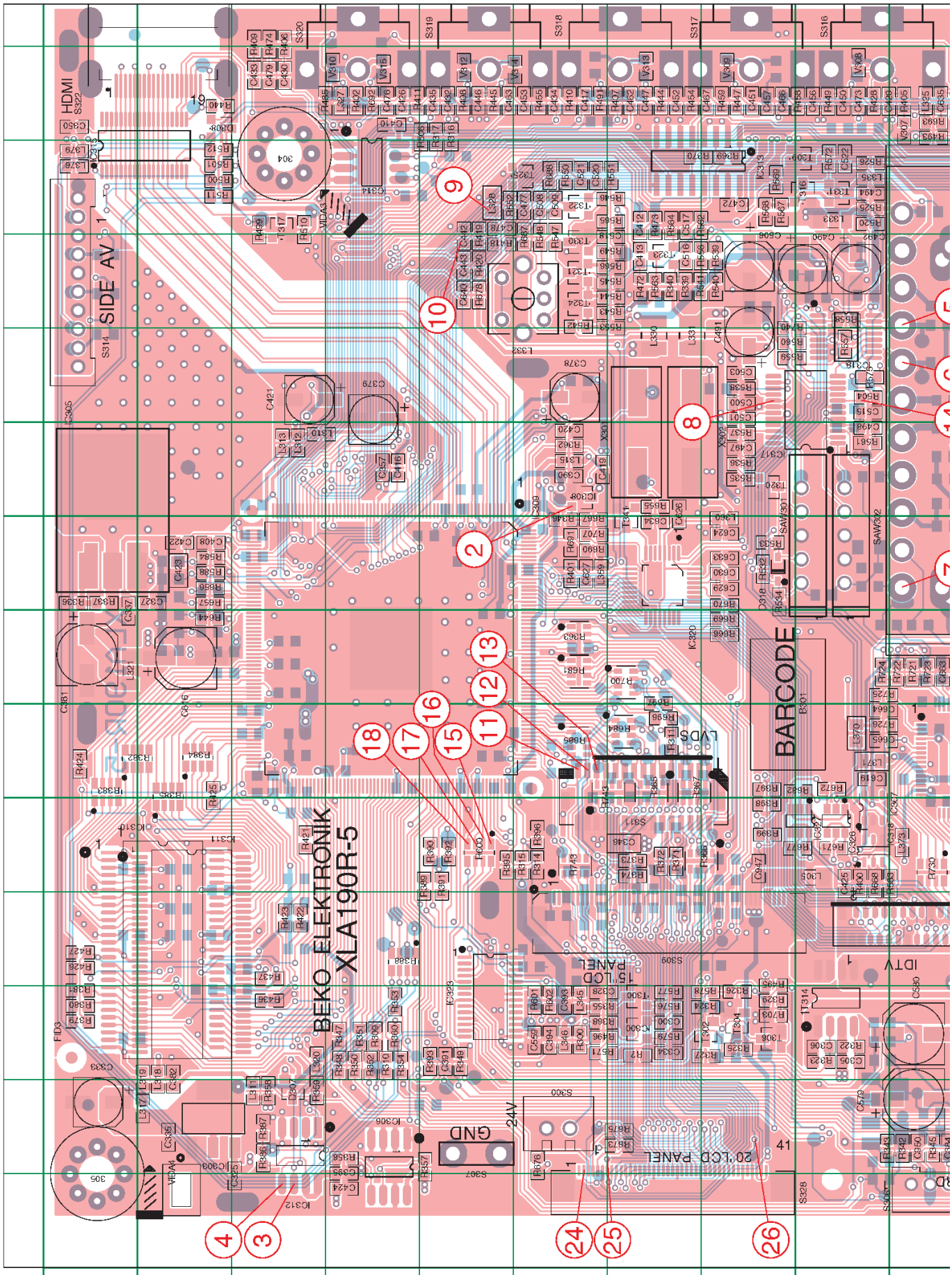
**Vorabversion**
**Preliminary Version**



**Hauptplatte / Main Board**

Ansicht von der Bestückungsseite / View of Component Side

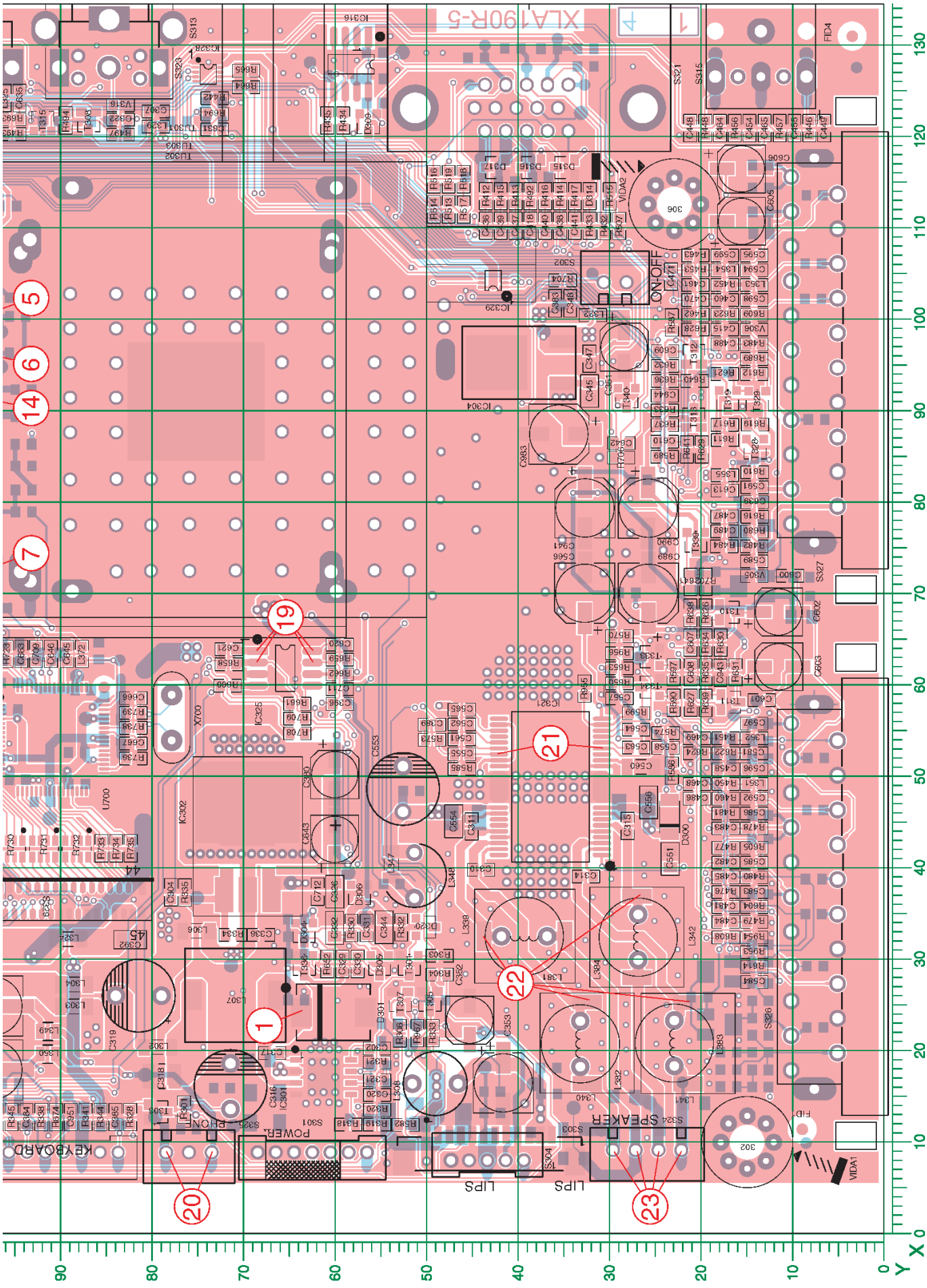
**Vorabversion**
**Preliminary Version**



**Hauptplatte / Main Board**

Ansicht von der Bestückungsseite / View of Component Side

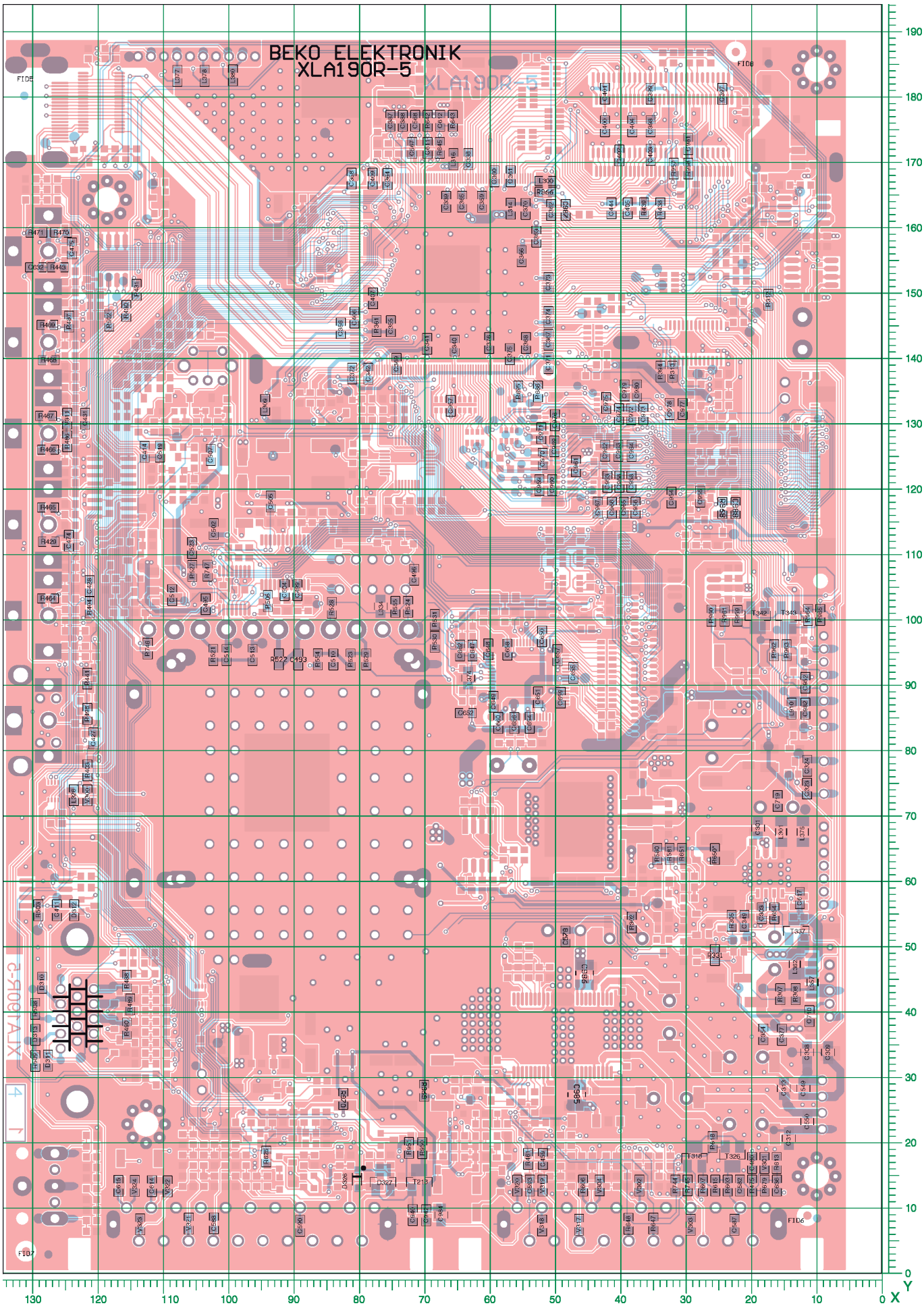
**Vorabversion**
**Preliminary Version**



## Hauptplatte / Main Board

Ansicht von der Lötseite / View of Solder Side

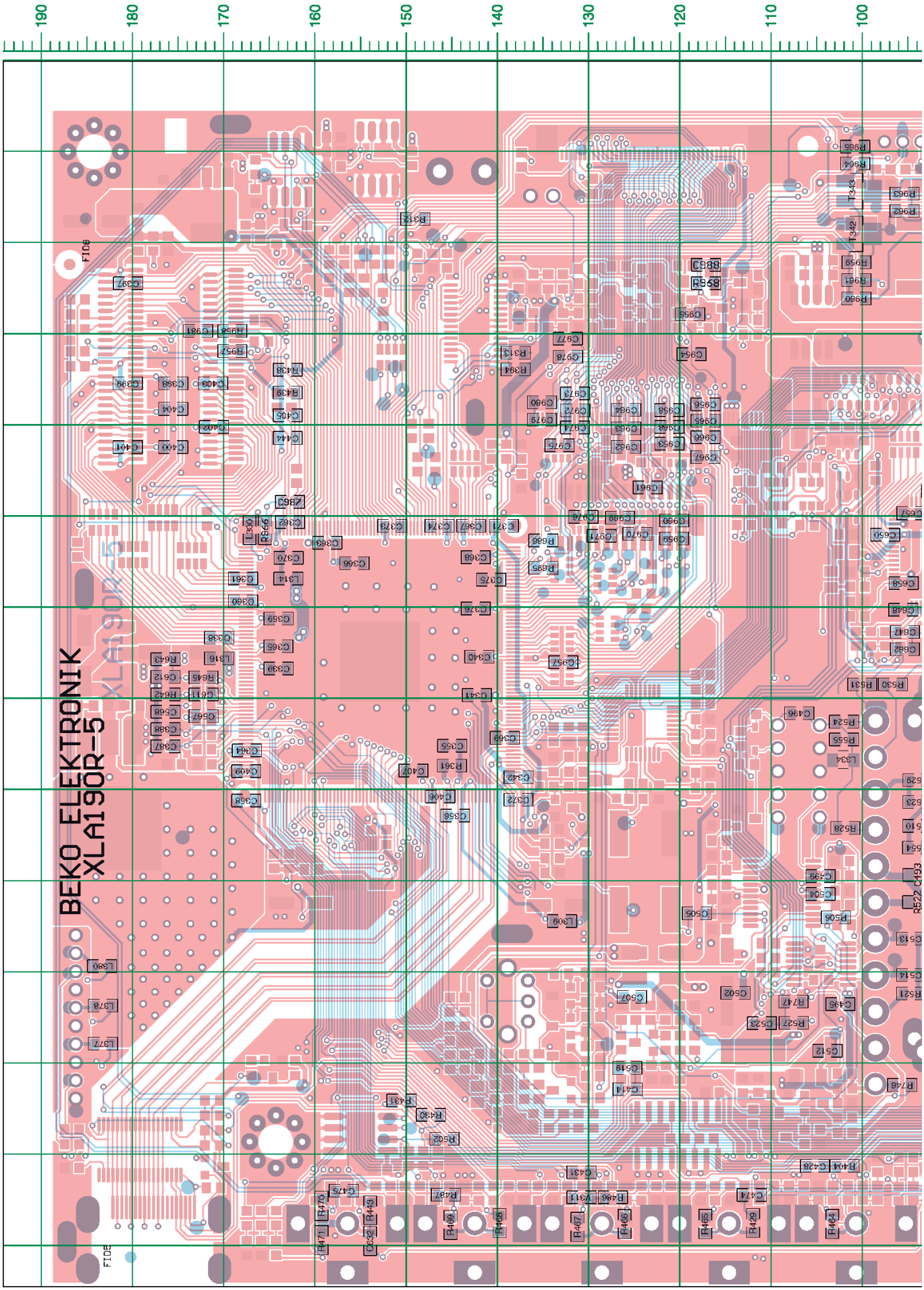
**Vorabversion**
**Preliminary Version**



**Hauptplatte / Main Board**

Ansicht von der Lötseite / View of Solder Side

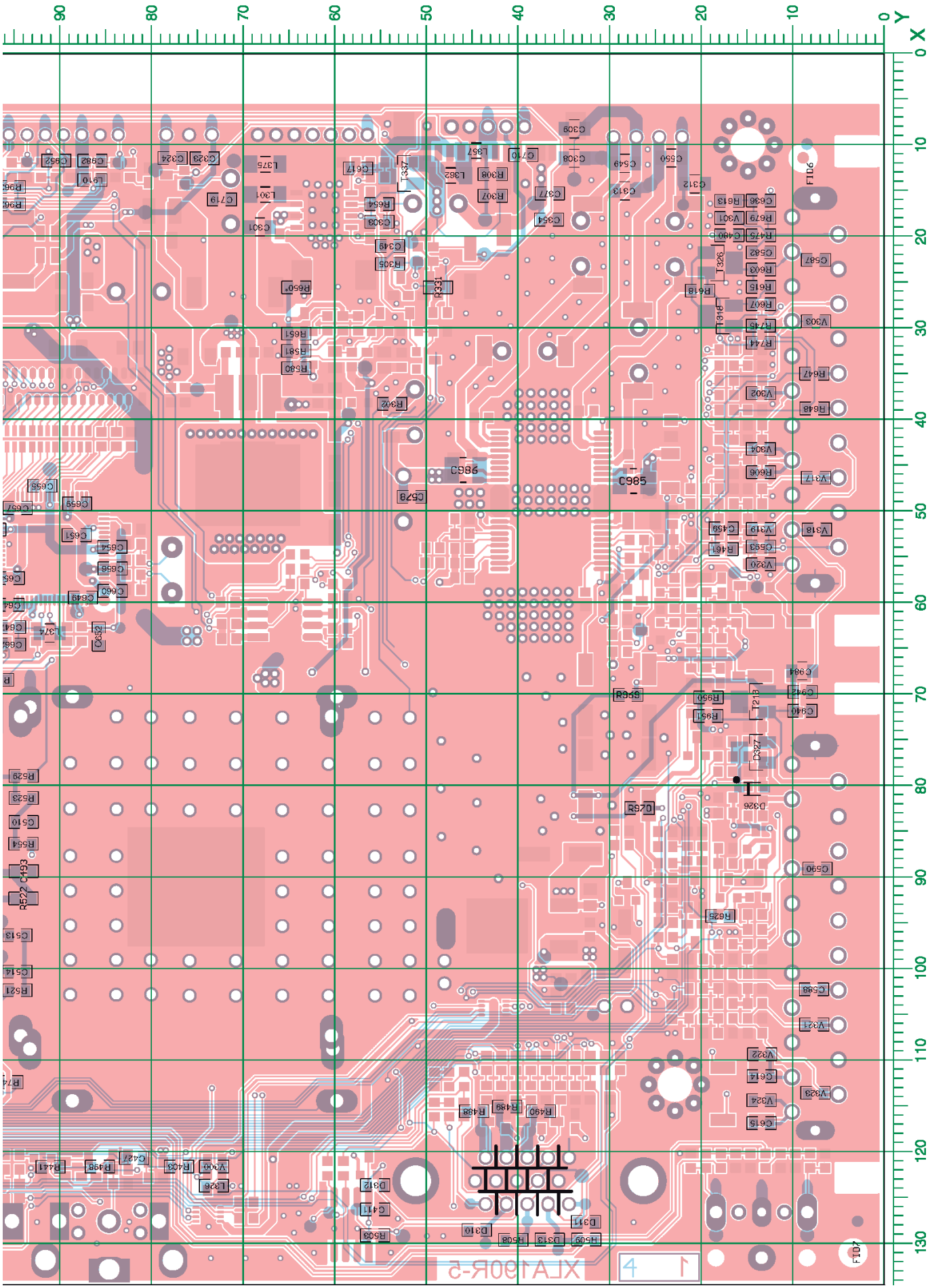
**Vorabversion**
**Preliminary Version**



**Hauptplatte / Main Board**

Ansicht von der Lötseite / View of Solder Side

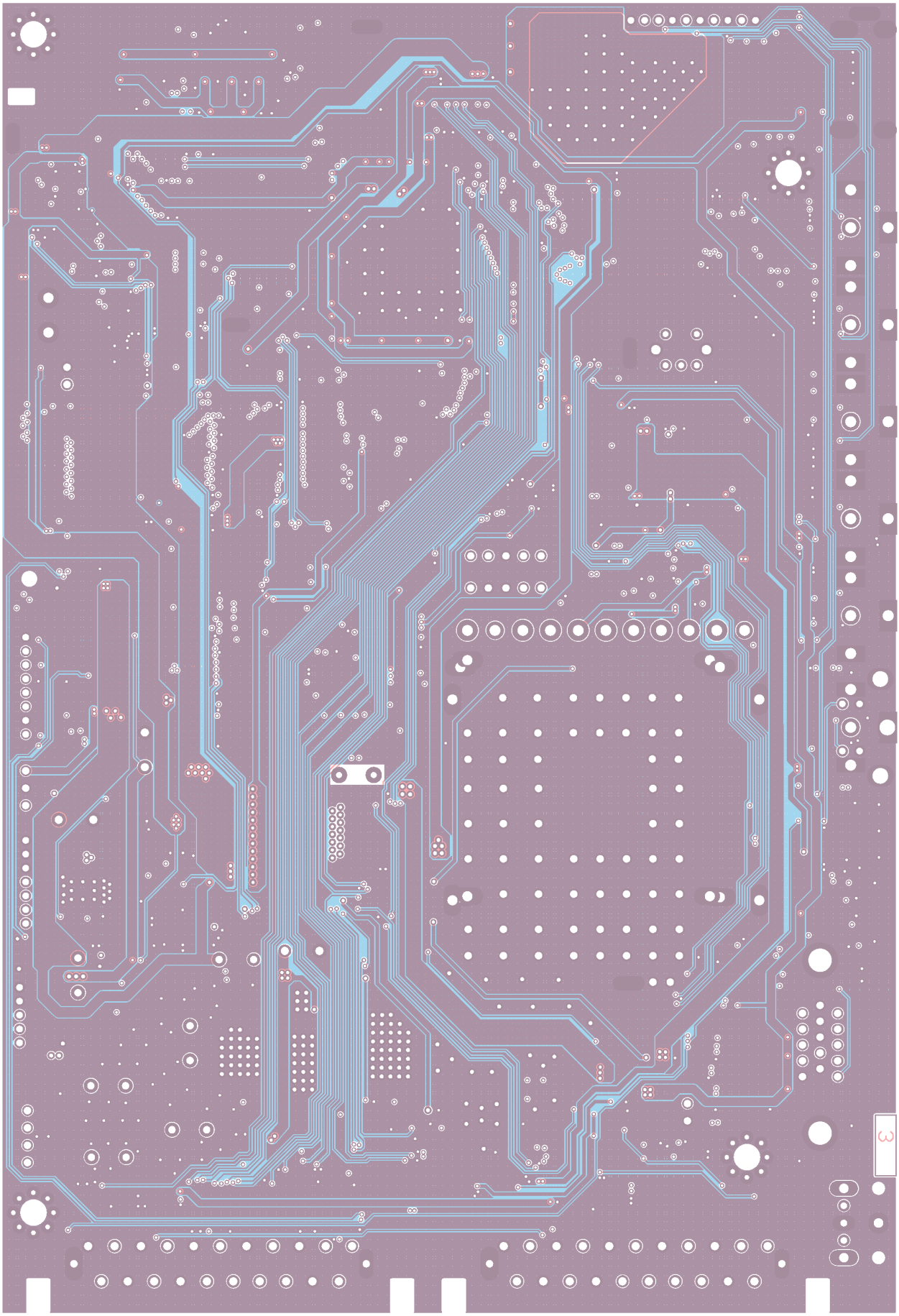
**Vorabversion**
**Preliminary Version**



## Hauptplatte / Main Board

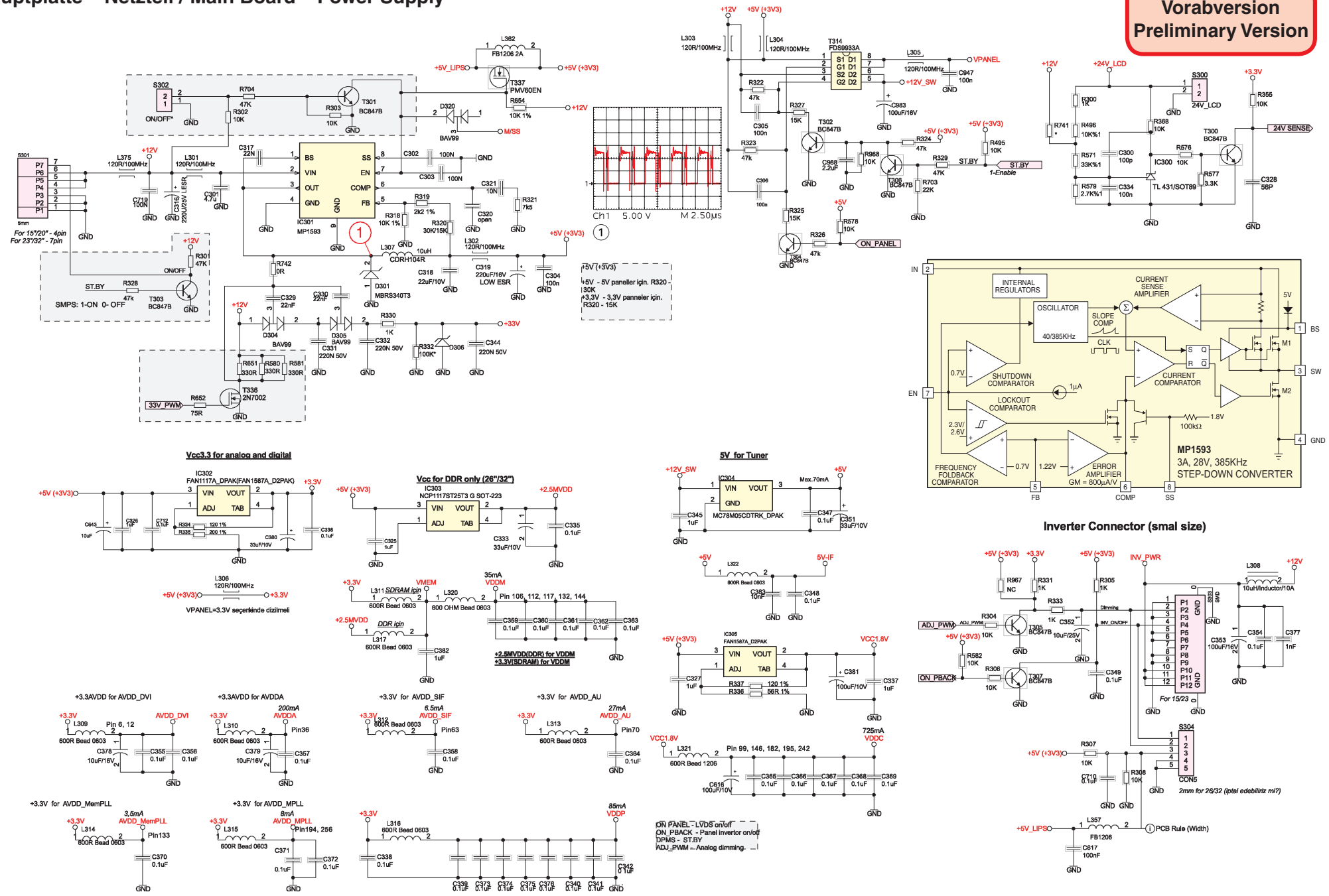
Ansicht von der Bestückungsseite – DC-Layer / View of Component Side – DC Layer

**Vorabversion**
**Preliminary Version**

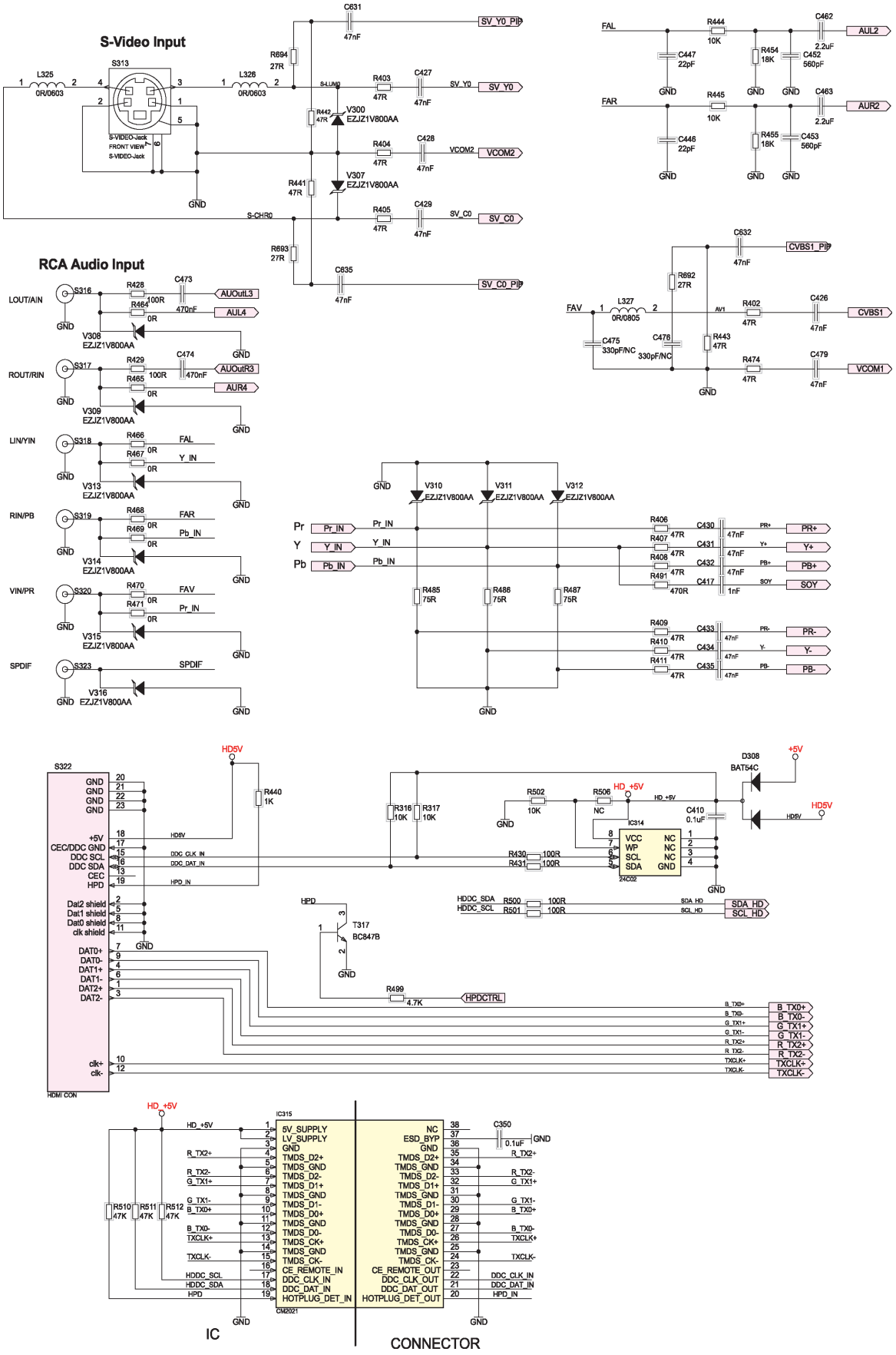


# Hauptplatte – Netzteil / Main Board – Power Supply

**Vorabversion**
**Preliminary Version**

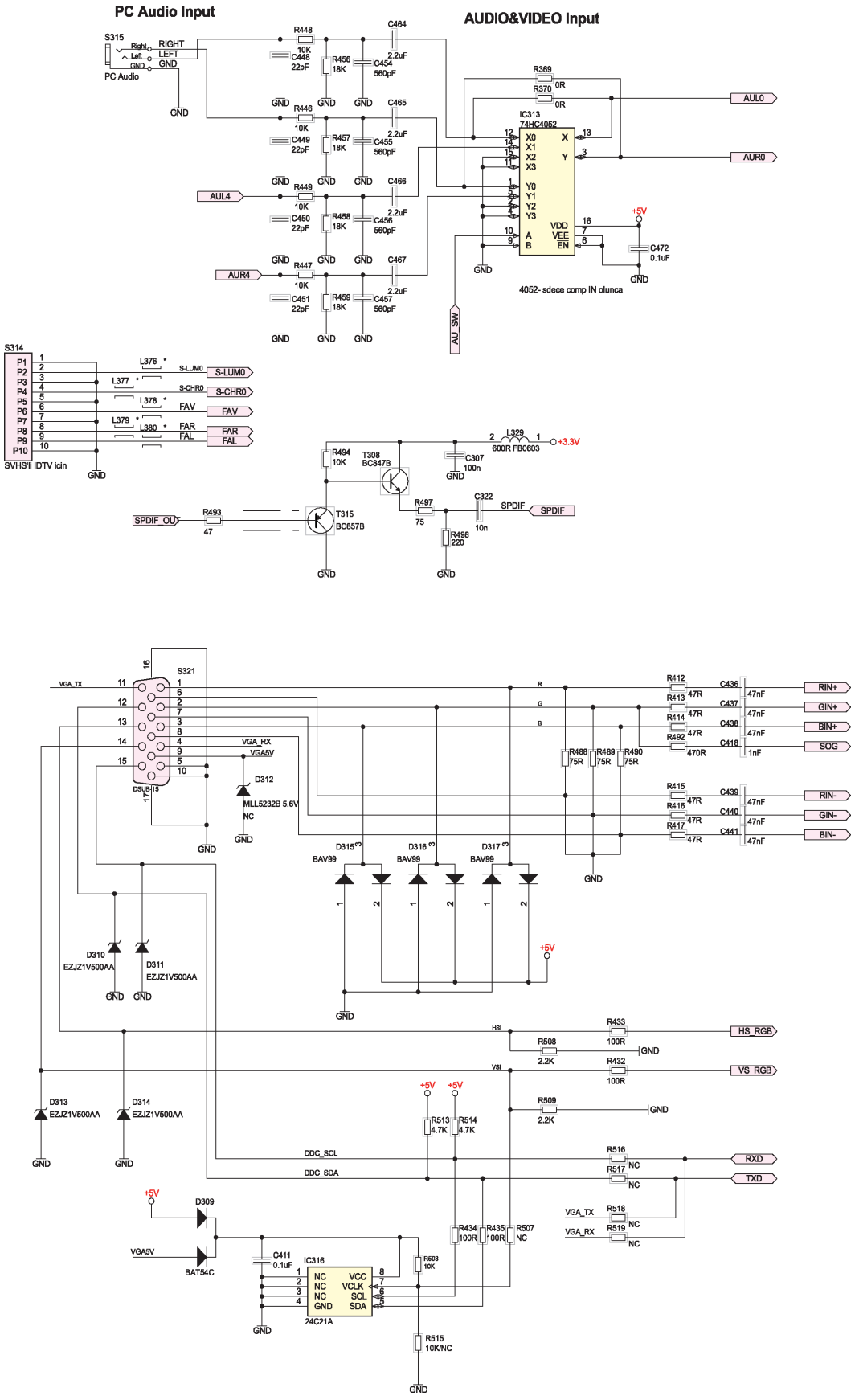


# Hauptplatte / Main Board – IN/OUT 1



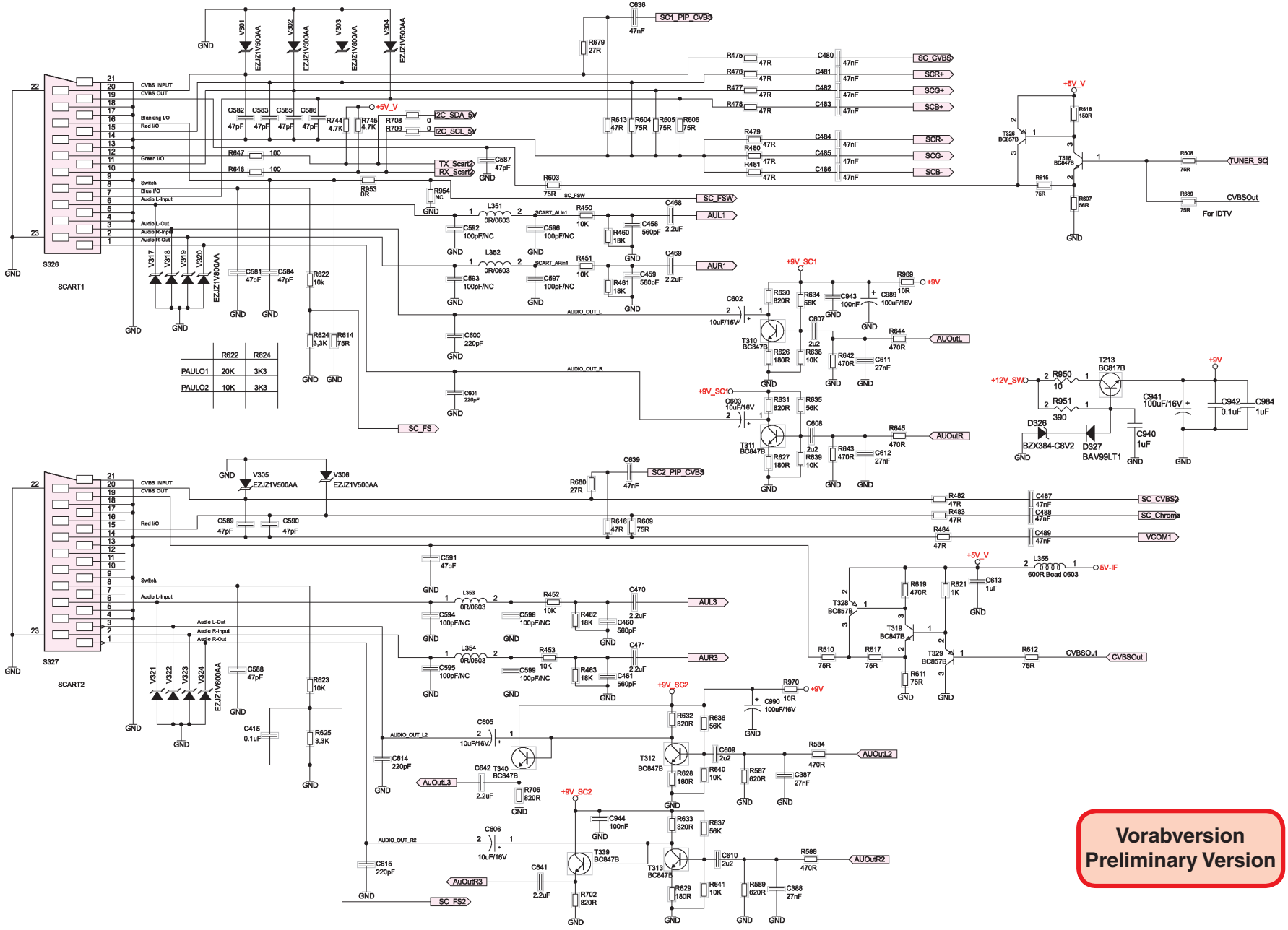

**Vorabversion**
**Preliminary Version**

# Hauptplatte / Main Board – IN/OUT 2



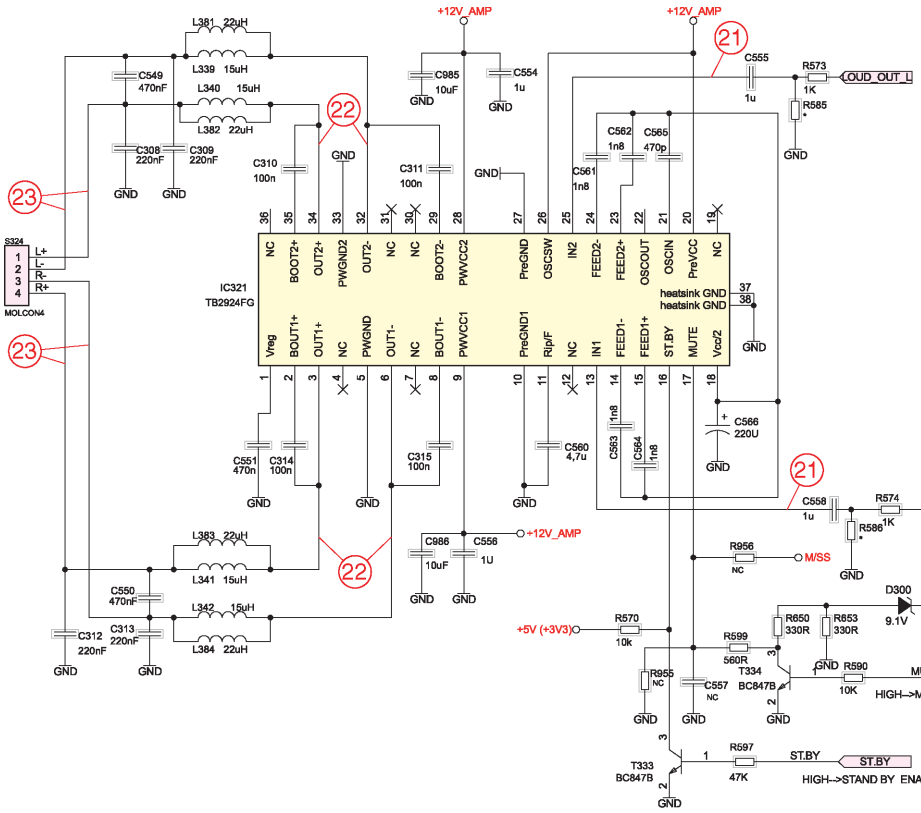

Vorabversion
Preliminary Version

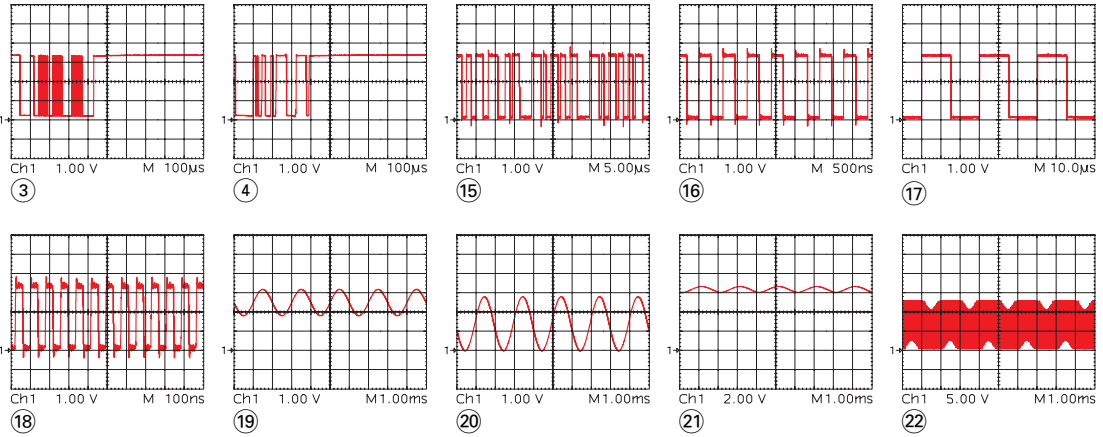
# Hauptplatte / Main Board – IN/OUT 3

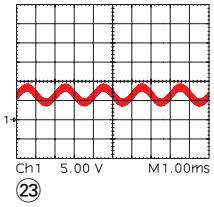


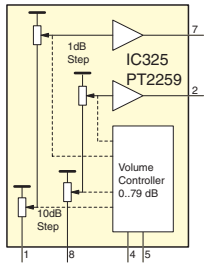

Vorabversion
Preliminary Version

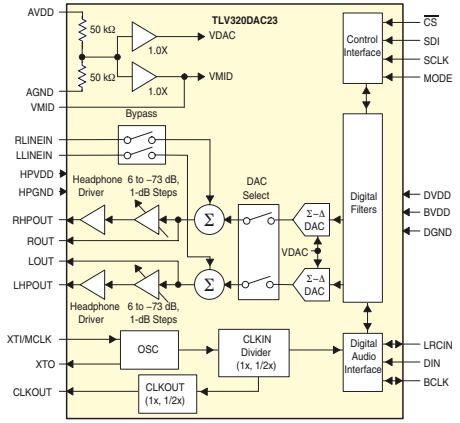
# Hauptplatte – Verstärker/ Main Board – Amplifier



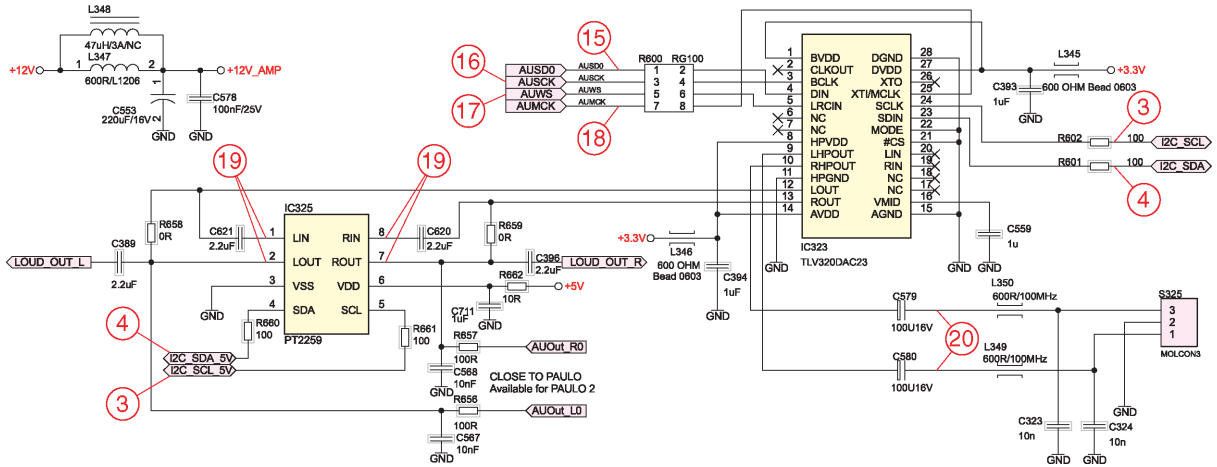



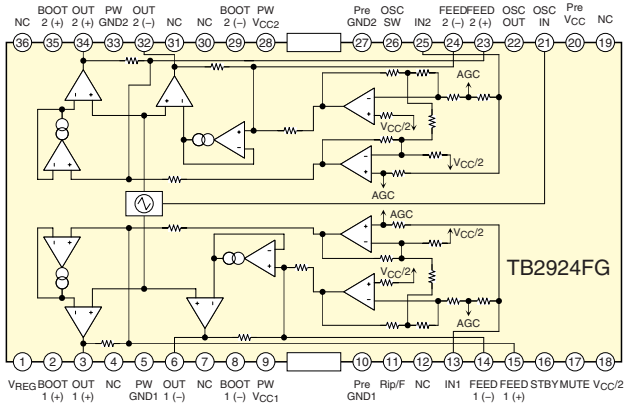



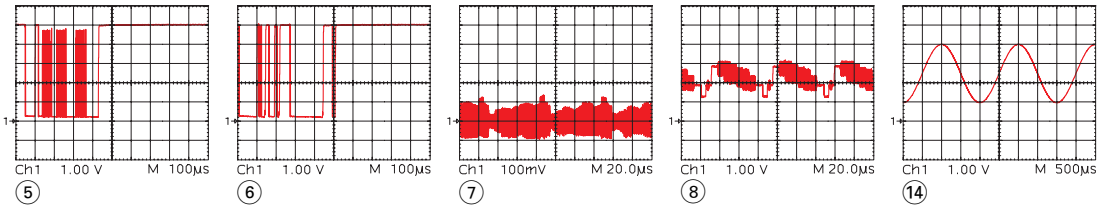




**Vorabversion**
**Preliminary Version**

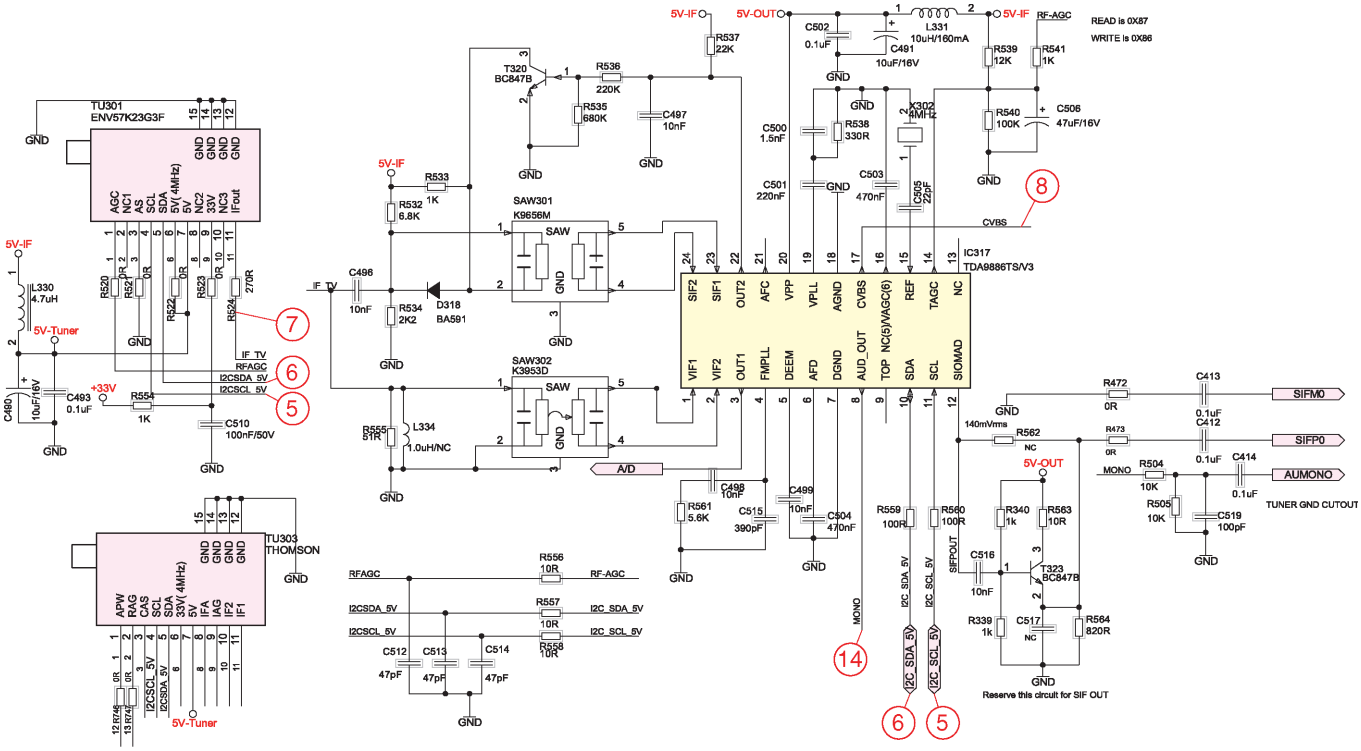


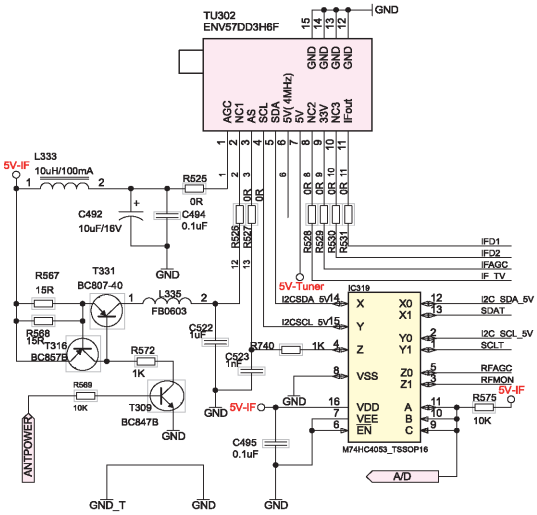



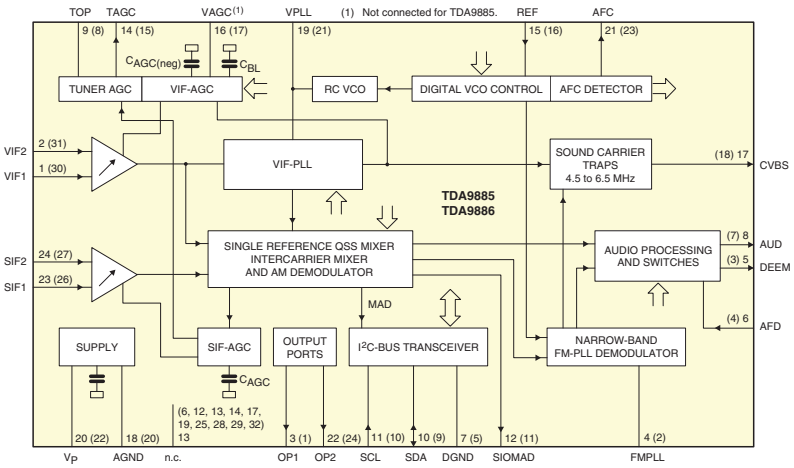
# Hauptplatte / Main Board – Tuner

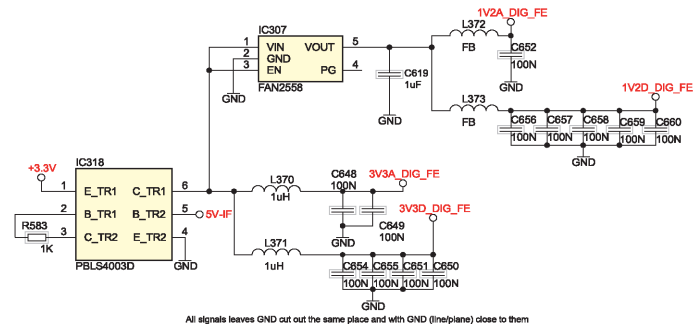



(5) (6) (7) (8) (14)



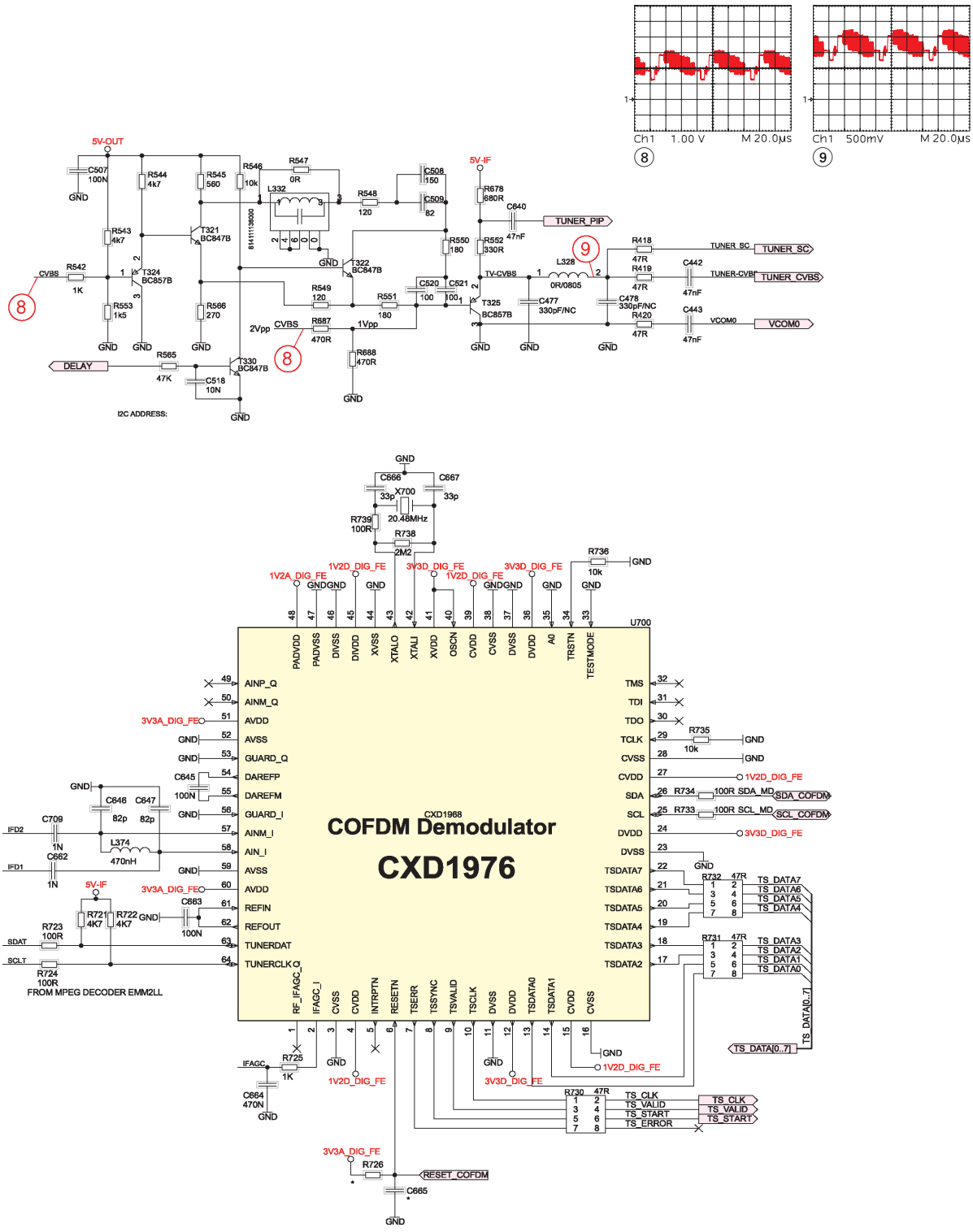



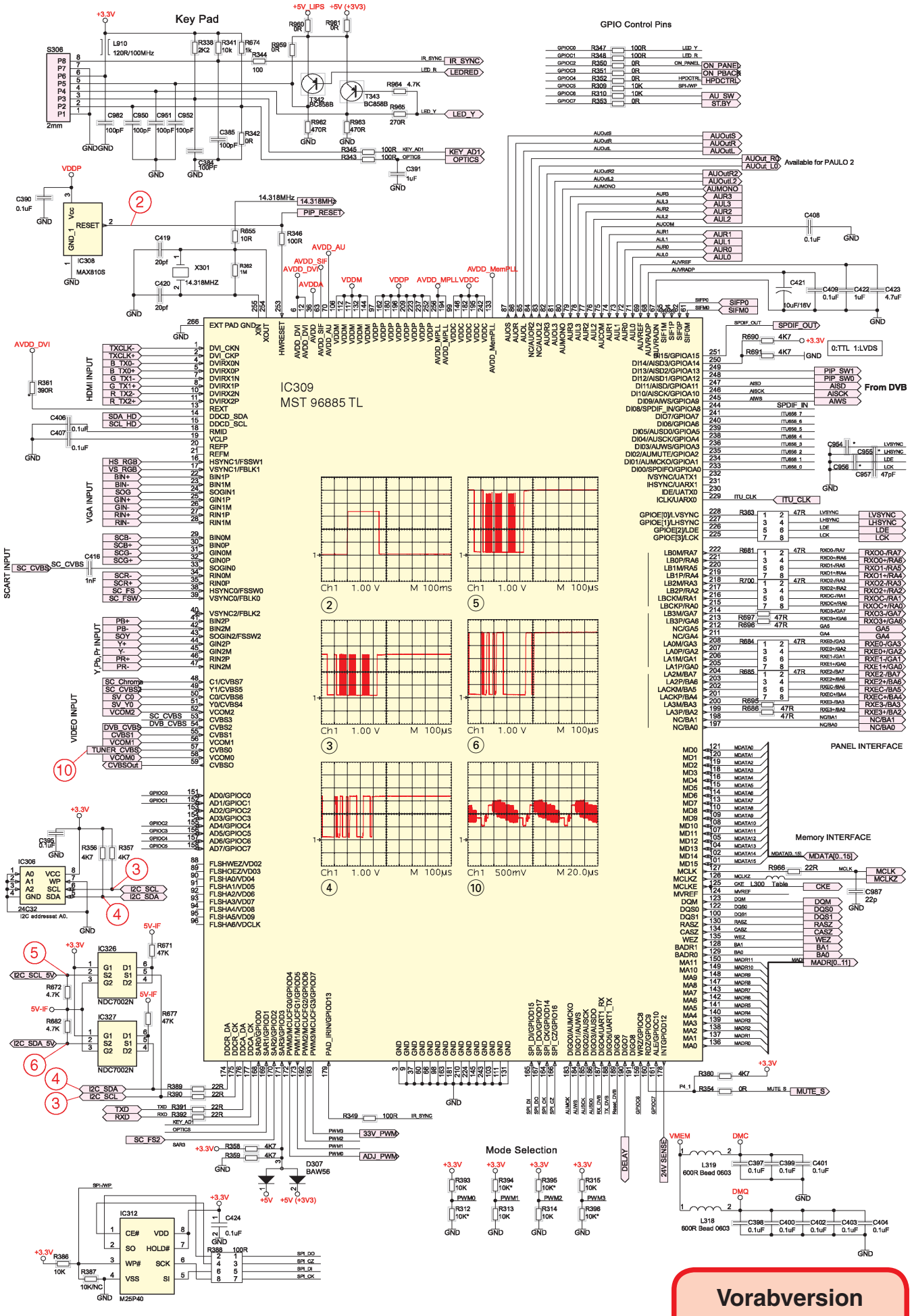

**Vorabversion**
**Preliminary Version**

# Hauptplatte / Main Board – COFDM Demodulator



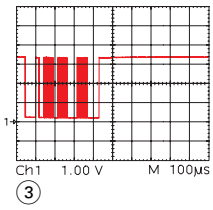

Vorabversion
Preliminary Version

# Hauptplatte / Main Board – Scaler



## Hauptplatte / Main Board – Scaler

**Vorabversion**
**Preliminary Version**

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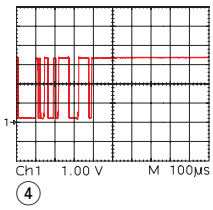


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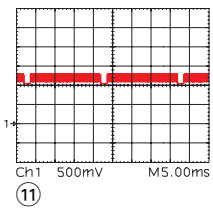


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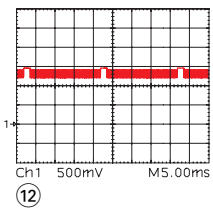


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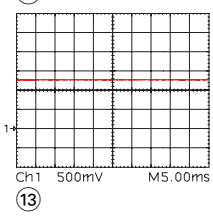


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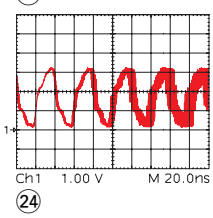


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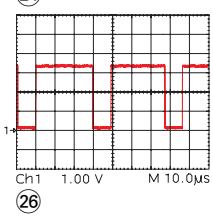
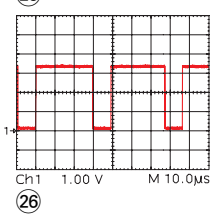



26




26

| S1 | S2 | AIP1A | AIP1B |
|---|---|---|---|
| 0 | 0 | — | — |
| 0 | 1 | FAV_CVBS | SC2_CVBS |
| 1 | 0 | Tuner_CVBS | SC1_CVBS |
| 1 | 1 | Chroma | Luma |

NEAR SCART

LVDS I/F

TTL

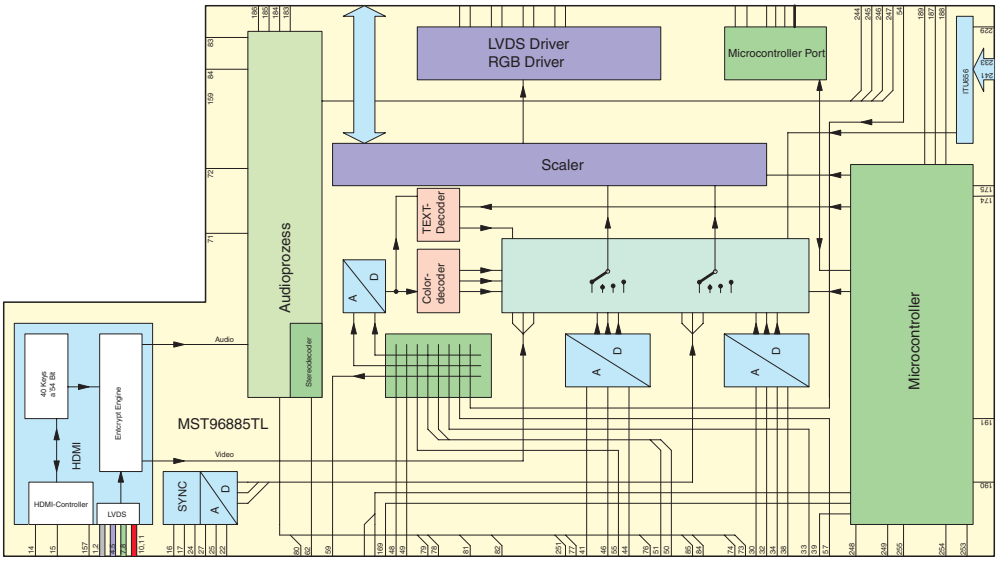
20" TTL LPL PANEL

IDTV Interface

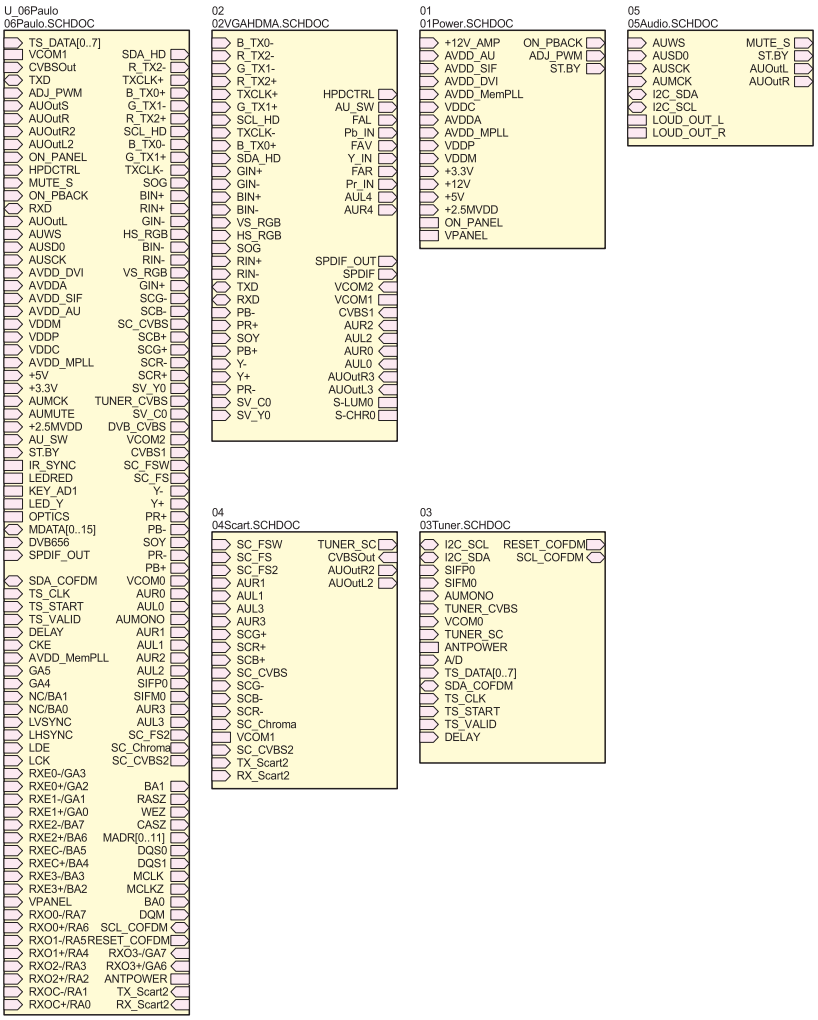
SDRAM_4MX16

2M X 16bit X 4BK DDR

| TABLE | | |
|---|---|---|
| DESIGNATOR | DRAM | SDRAM |
| R957 | 51R | NC |
| R958 | 51R | NC |
| L300 | 22pF | NC |
| C981 | 22pF | NC |




## Hauptplatte – Übersicht / Main Board – Overview

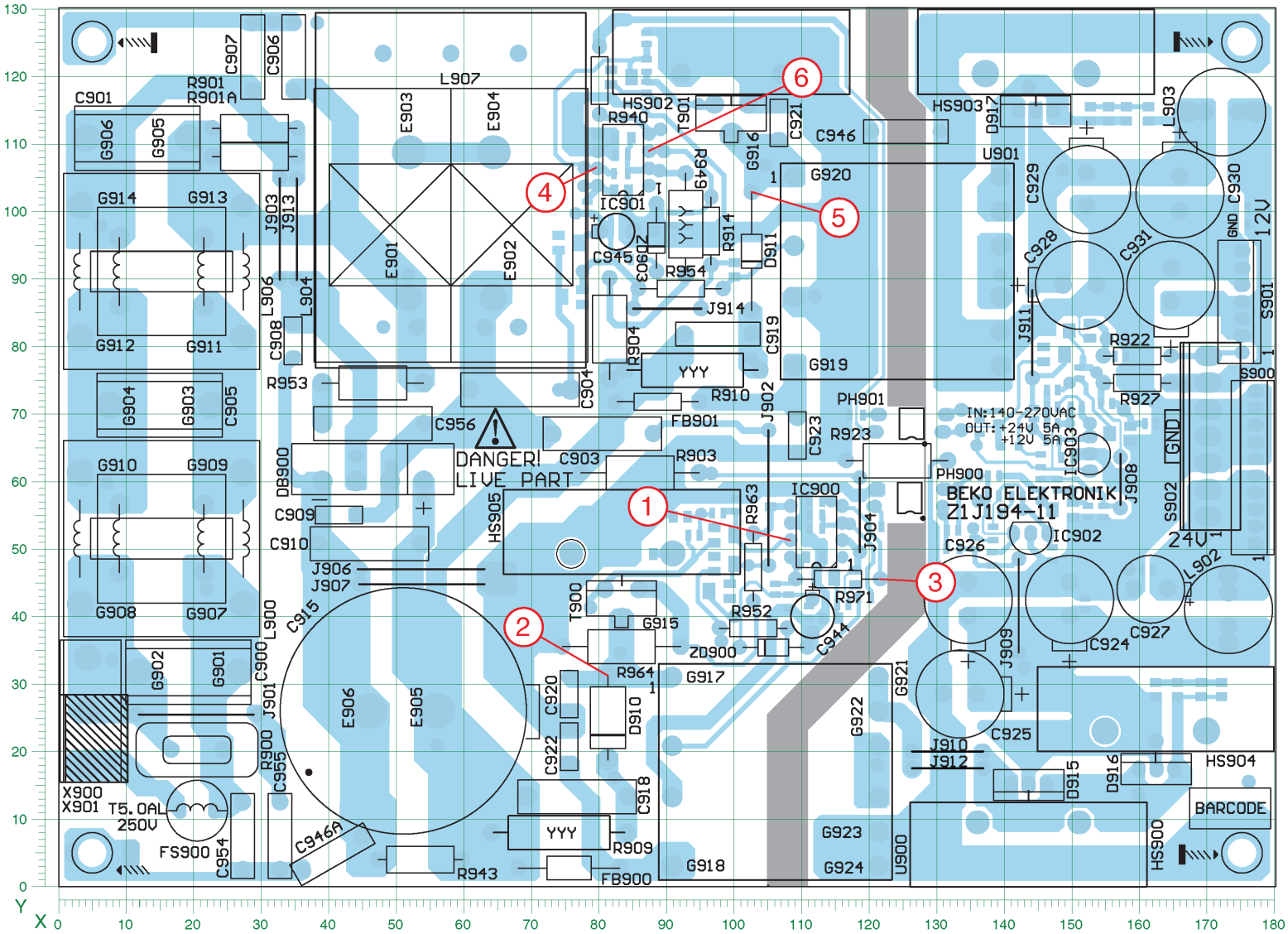



**Vorabversion**
**Preliminary Version**

# Netzteil-Platte / Power Supply Board Z1J194

Ansicht von der Bestückungsseite / View of Component Side

**Vorabversion**
**Preliminary Version**




**T:** Koordinaten für die Bauteile der Bestückungsseite
Coordinates of the Components on the component side
**B:** Koordinaten für die Bauteile der Lötseite
Coordinates of the Components on the solder side

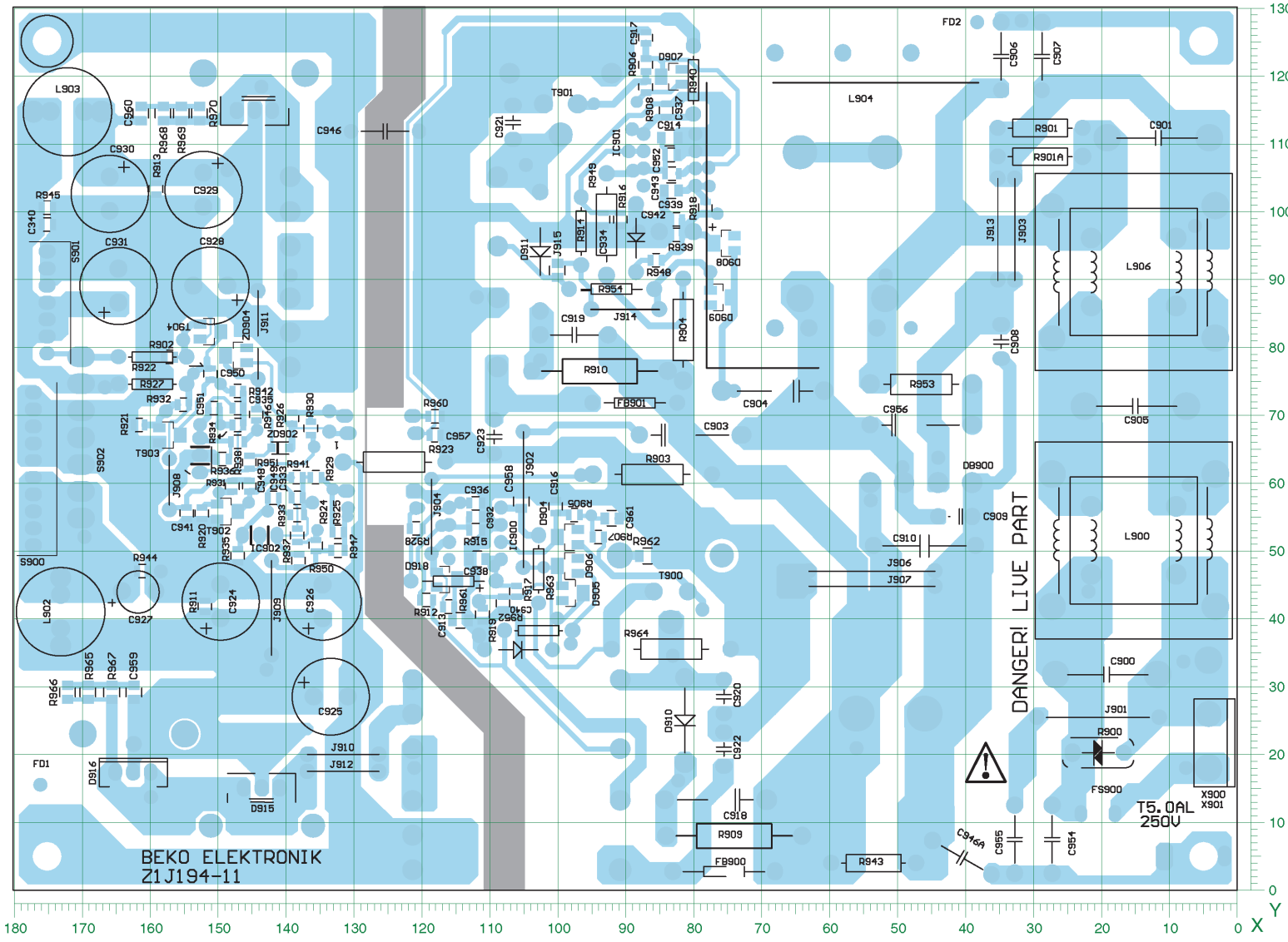
| POS. | X | Y |
|---|---|---|
| C340 | B 175 | 98 |
| C900 | T 19 | 32 |
| C901 | T 12 | 111 |
| C903 | T 80 | 67 |
| C904 | T 68 | 74 |
| C905 | T 15 | 71 |
| C906 | T 35 | 123 |
| C907 | T 29 | 123 |
| C908 | T 35 | 81 |
| C909 | T 42 | 55 |
| C910 | T 46 | 51 |
| C913 | B 115 | 41 |
| C914 | B 84 | 111 |
| C915 | T 51 | 26 |
| C916 | B 100 | 57 |
| C917 | B 87 | 126 |
| C918 | T 77 | 13 |
| C919 | T 98 | 82 |
| C920 | T 76 | 29 |
| C921 | T 107 | 113 |
| C922 | T 76 | 21 |
| C923 | T 109 | 67 |
| C924 | T 150 | 40 |
| C925 | T 136 | 29 |
| C926 | T 135 | 40 |
| C927 | T 162 | 44 |
| C928 | T 149 | 89 |
| C929 | T 152 | 106 |
| C930 | T 166 | 105 |
| C931 | T 165 | 87 |
| C932 | B 112 | 55 |
| C933 | B 138 | 58 |
| C934 | B 93 | 99 |
| C935 | B 147 | 71 |
| C936 | B 112 | 57 |
| C937 | B 84 | 115 |
| C938 | B 112 | 49 |
| C939 | B 83 | 103 |
| C940 | B 110 | 42 |
| C941 | B 155 | 56 |
| C942 | B 83 | 99 |
| C943 | B 83 | 106 |
| C944 | T 111 | 42 |
| C945 | T 83 | 97 |
| C946 | T 125 | 112 |
| C946A | T 41 | 5 |
| C948 | B 145 | 60 |
| C949 | B 142 | 58 |
| C950 | B 151 | 76 |
| C951 | B 151 | 71 |
| C952 | B 83 | 108 |
| C954 | T 27 | 8 |
| C955 | T 33 | 8 |
| C956 | T 47 | 69 |
| C957 | B 118 | 67 |
| C958 | B 105 | 57 |
| C959 | B 162 | 29 |
| C960 | B 161 | 114 |
| C961 | B 93 | 55 |
| D904 | B 97 | 52 |
| D905 | B 100 | 46 |
| D906 | B 97 | 46 |
| D907 | B 84 | 121 |
| D908 | B 75 | 98 |
| D909 | B 76 | 93 |
| D910 | T 81 | 31 |
| D911 | T 103 | 94 |
| D915 | T 146 | 15 |
| D916 | T 160 | 17 |
| D917 | T 142 | 115 |
| D918 | B 119 | 46 |
| DB900 | T 54 | 60 |
| FB900 | T 76 | 3 |
| FB901 | T 89 | 72 |
| FS900 | T 23 | 11 |
| HS900 | T 161 | 13 |
| HS902 | T 82 | 117 |
| HS903 | T 127 | 117 |
| HS904 | T 145 | 20 |
| HS905 | T 66 | 46 |
| IC900 | T 112 | 53 |
| IC901 | T 84 | 108 |
| IC902 | T 144 | 52 |
| IC903 | T 153 | 64 |
| J914 | T 85 | 86 |
| J915 | B 100 | 91 |
| L900 | T 15 | 52 |
| L902 | T 173 | 36 |
| L903 | T 167 | 115 |
| L904 | T 48 | 83 |
| L906 | T 15 | 91 |
| L907 | T 58 | 98 |
| PH900 | T 126 | 58 |
| PH901 | T 126 | 69 |
| R900 | T 21 | 20 |
| R901 | T 29 | 112 |
| R901A | T 29 | 108 |
| R902 | B 148 | 82 |
| R903 | T 86 | 61 |
| R904 | T 82 | 83 |
| R905 | B 98 | 55 |
| R906 | B 87 | 122 |
| R907 | B 94 | 55 |
| R908 | B 87 | 118 |
| R909 | T 84 | 8 |
| R910 | T 104 | 76 |
| R911 | B 152 | 42 |
| R912 | B 121 | 50 |
| R913 | B 159 | 103 |
| R914 | T 97 | 97 |
| R915 | B 112 | 53 |
| R916 | B 91 | 99 |
| R917 | B 108 | 46 |
| R918 | B 78 | 101 |
| R919 | B 112 | 42 |
| R920 | B 152 | 56 |
| R921 | B 162 | 69 |
| R922 | T 160 | 79 |
| R923 | T 124 | 63 |
| R924 | B 136 | 51 |
| R925 | B 132 | 53 |
| R926 | B 139 | 70 |
| R927 | T 160 | 75 |
| R928 | B 121 | 54 |
| R929 | B 136 | 61 |
| R930 | B 136 | 68 |
| R931 | B 148 | 60 |
| R932 | B 155 | 72 |
| R933 | B 138 | 55 |
| R934 | B 147 | 69 |
| R935 | B 147 | 49 |
| R936 | B 149 | 64 |
| R937 | B 138 | 52 |
| R938 | B 147 | 66 |
| R939 | B 83 | 97 |
| R940 | T 80 | 119 |
| R941 | B 138 | 61 |
| R942 | B 147 | 74 |
| R943 | T 54 | 4 |
| R944 | B 161 | 47 |
| R945 | B 175 | 101 |
| R946 | B 144 | 70 |
| R947 | B 132 | 50 |
| R948 | B 75 | 102 |
| R949 | T 93 | 98 |
| R950 | B 138 | 49 |
| R951 | B 145 | 63 |
| R952 | T 103 | 39 |
| R953 | T 47 | 75 |
| R954 | T 92 | 88 |
| R960 | B 118 | 70 |
| R961 | B 116 | 45 |
| R962 | B 87 | 49 |
| R963 | T 103 | 49 |
| R964 | T 83 | 36 |
| R965 | B 169 | 29 |
| R966 | B 172 | 29 |
| R967 | B 166 | 29 |
| R968 | B 158 | 114 |
| R969 | B 155 | 114 |
| R970 | B 153 | 114 |
| R971 | T 116 | 45 |
| S900 | T 177 | 51 |
| S901 | T 175 | 79 |
| S902 | T 170 | 55 |
| T900 | T 83 | 40 |
| T901 | T 100 | 111 |
| T902 | B 149 | 56 |
| T903 | B 157 | 68 |
| T904 | B 152 | 81 |
| U900 | T 106 | 17 |
| U901 | T 124 | 91 |
| X900 | T 4 | 18 |
| ZD900 | B 105 | 42 |
| ZD902 | B 141 | 65 |
| ZD903 | B 75 | 107 |
| ZD904 | B 147 | 78 |

**Netzteil-Platte / Power Supply Board** Z1J194

Ansicht von der Lötseite / View of Solder Side

**Vorabversion**
**Preliminary Version**

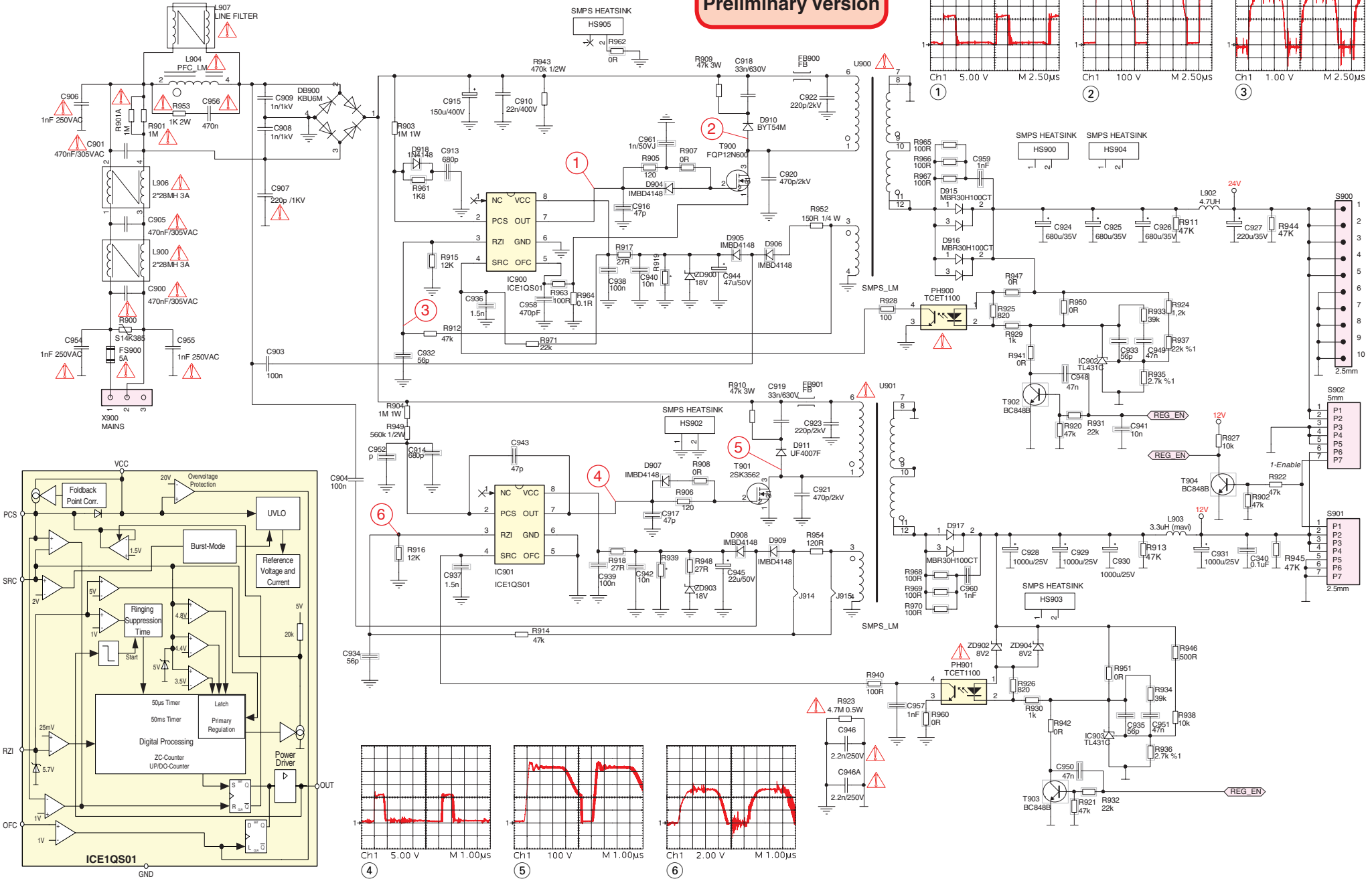
**T:** Koordinaten für die Bauteile der Bestückungsseite
Coordinates of the Components on the component side
**B:** Koordinaten für die Bauteile der Lötseite
Coordinates of the Components on the solder side




| POS. | X | Y |
|---|---|---|
| C340 | B 175 | 98 |
| C900 | T 19 | 32 |
| C901 | T 12 | 111 |
| C903 | T 80 | 67 |
| C904 | T 68 | 74 |
| C905 | T 15 | 71 |
| C906 | T 35 | 123 |
| C907 | T 29 | 123 |
| C908 | T 35 | 81 |
| C909 | T 42 | 55 |
| C910 | T 46 | 51 |
| C913 | B 115 | 41 |
| C914 | B 84 | 111 |
| C915 | T 51 | 26 |
| C916 | B 100 | 57 |
| C917 | B 87 | 126 |
| C918 | T 77 | 13 |
| C919 | T 98 | 82 |
| C920 | T 76 | 29 |
| C921 | T 107 | 113 |
| C922 | T 76 | 21 |
| C923 | T 109 | 67 |
| C924 | T 150 | 40 |
| C925 | T 136 | 29 |
| C926 | T 135 | 40 |
| C927 | T 162 | 44 |
| C928 | T 149 | 89 |
| C929 | T 152 | 106 |
| C930 | T 166 | 105 |
| C931 | T 165 | 87 |
| C932 | B 112 | 55 |
| C933 | B 138 | 58 |
| C934 | B 93 | 99 |
| C935 | B 147 | 71 |
| C936 | B 112 | 57 |
| C937 | B 84 | 115 |
| C938 | B 112 | 49 |
| C939 | B 83 | 103 |
| C940 | B 110 | 42 |
| C941 | B 155 | 56 |
| C942 | B 83 | 99 |
| C943 | B 83 | 106 |
| C944 | T 111 | 42 |
| C945 | T 83 | 97 |
| C946 | T 125 | 112 |
| C946A | T 41 | 5 |
| C948 | B 145 | 60 |
| C949 | B 142 | 58 |
| C950 | B 151 | 76 |
| C951 | B 151 | 71 |
| C952 | B 83 | 108 |
| C954 | T 27 | 8 |
| C955 | T 33 | 8 |
| C956 | T 47 | 69 |
| C957 | B 118 | 67 |
| C958 | B 105 | 57 |
| C959 | B 162 | 29 |
| C960 | B 161 | 114 |
| C961 | B 93 | 55 |
| D904 | B 97 | 52 |
| D905 | B 100 | 46 |
| D906 | B 97 | 46 |
| D907 | B 84 | 121 |
| D908 | B 75 | 98 |
| D909 | B 76 | 93 |
| D910 | T 81 | 31 |
| D911 | T 103 | 94 |
| D915 | T 146 | 15 |
| D916 | T 160 | 17 |
| D917 | T 142 | 115 |
| D918 | B 119 | 46 |
| DB900 | T 54 | 60 |
| FB900 | T 76 | 3 |
| FB901 | T 89 | 72 |
| FS900 | T 23 | 11 |
| HS900 | T 161 | 13 |
| HS902 | T 82 | 117 |
| HS903 | T 127 | 117 |
| HS904 | T 145 | 20 |
| HS905 | T 66 | 46 |
| IC900 | T 112 | 53 |
| IC901 | T 84 | 108 |
| IC902 | T 144 | 52 |
| IC903 | T 153 | 64 |
| J914 | T 85 | 86 |
| J915 | B 100 | 91 |
| L900 | T 15 | 52 |
| L902 | T 173 | 36 |
| L903 | T 167 | 115 |
| L904 | T 48 | 83 |
| L906 | T 15 | 91 |
| L907 | T 58 | 98 |
| PH900 | T 126 | 58 |
| PH901 | T 126 | 69 |
| R900 | T 21 | 20 |
| R901 | T 29 | 112 |
| R901A | T 29 | 108 |
| R902 | B 148 | 82 |
| R903 | T 86 | 61 |
| R904 | T 82 | 83 |
| R905 | B 98 | 55 |
| R906 | B 87 | 122 |
| R907 | B 94 | 55 |
| R908 | B 87 | 118 |
| R909 | T 84 | 8 |
| R910 | T 104 | 76 |
| R911 | B 152 | 42 |
| R912 | B 121 | 50 |
| R913 | B 159 | 103 |
| R914 | T 97 | 97 |
| R915 | B 112 | 53 |
| R916 | B 91 | 99 |
| R917 | B 108 | 46 |
| R918 | B 78 | 101 |
| R919 | B 112 | 42 |
| R920 | B 152 | 56 |
| R921 | B 162 | 69 |
| R922 | T 160 | 79 |
| R923 | T 124 | 63 |
| R924 | B 136 | 51 |
| R925 | B 132 | 53 |
| R926 | B 139 | 70 |
| R927 | T 160 | 75 |
| R928 | B 121 | 54 |
| R929 | B 136 | 61 |
| R930 | B 136 | 68 |
| R931 | B 148 | 60 |
| R932 | B 155 | 72 |
| R933 | B 138 | 55 |
| R934 | B 147 | 69 |
| R935 | B 147 | 49 |
| R936 | B 149 | 64 |
| R937 | B 138 | 52 |
| R938 | B 147 | 66 |
| R939 | B 83 | 97 |
| R940 | T 80 | 119 |
| R941 | B 138 | 61 |
| R942 | B 147 | 74 |
| R943 | T 54 | 4 |
| R944 | B 161 | 47 |
| R945 | B 175 | 101 |
| R946 | B 144 | 70 |
| R947 | B 132 | 50 |
| R948 | B 75 | 102 |
| R949 | T 93 | 98 |
| R950 | B 138 | 49 |
| R951 | B 145 | 63 |
| R952 | T 103 | 39 |
| R953 | T 47 | 75 |
| R954 | T 92 | 88 |
| R960 | B 118 | 70 |
| R961 | B 116 | 45 |
| R962 | B 87 | 49 |
| R963 | T 103 | 49 |
| R964 | T 83 | 36 |
| R965 | B 169 | 29 |
| R966 | B 172 | 29 |
| R967 | B 166 | 29 |
| R968 | B 158 | 114 |
| R969 | B 155 | 114 |
| R970 | B 153 | 114 |
| R971 | T 116 | 45 |
| S900 | T 177 | 51 |
| S901 | T 175 | 79 |
| S902 | T 170 | 55 |
| T900 | T 83 | 40 |
| T901 | T 100 | 111 |
| T902 | B 149 | 56 |
| T903 | B 157 | 68 |
| T904 | B 152 | 81 |
| U900 | T 106 | 17 |
| U901 | T 124 | 91 |
| X900 | T 4 | 18 |
| ZD900 | B 105 | 42 |
| ZD902 | B 141 | 65 |
| ZD903 | B 75 | 107 |
| ZD904 | B 147 | 78 |

# Netzteil-Platte / Power Supply Board Z1J194

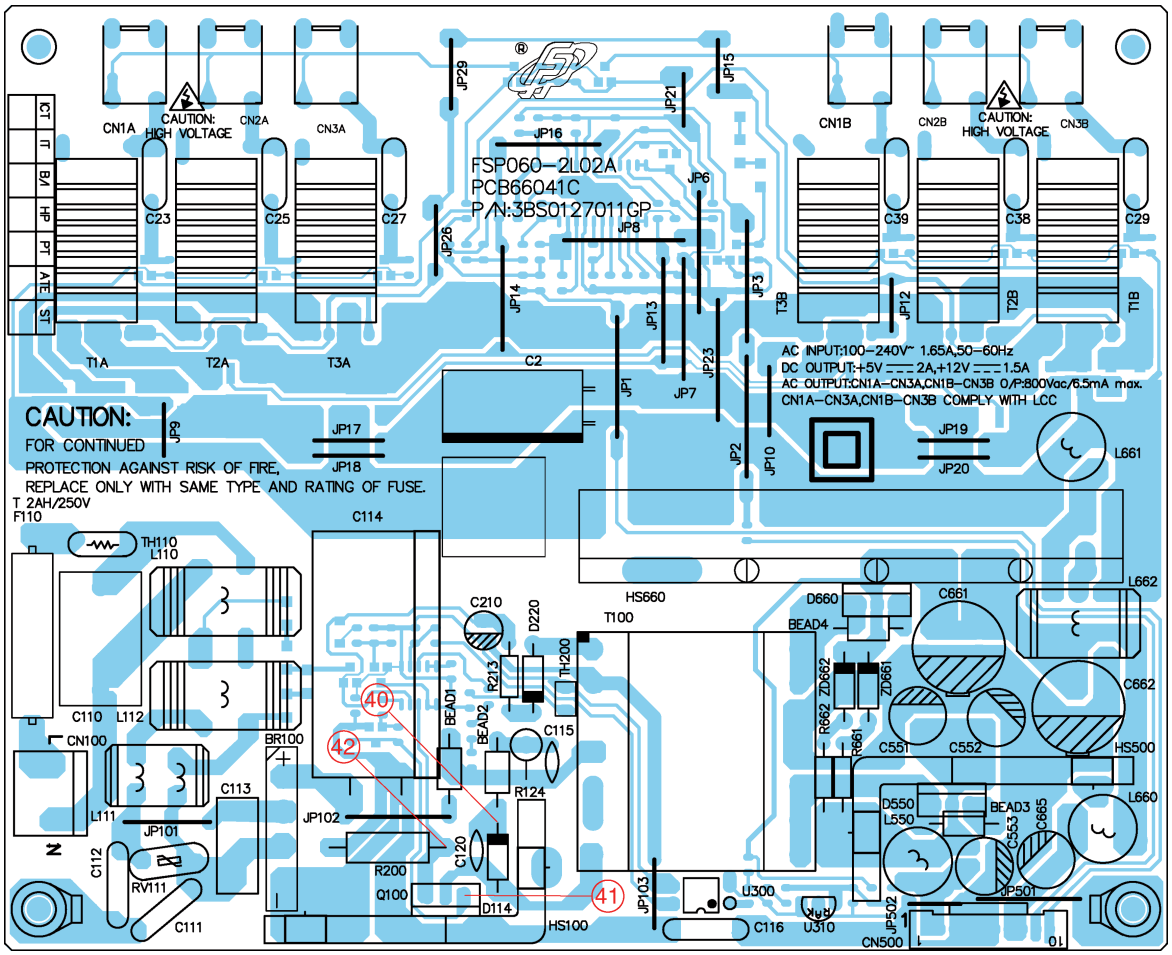
**Vorabversion**
**Preliminary Version**



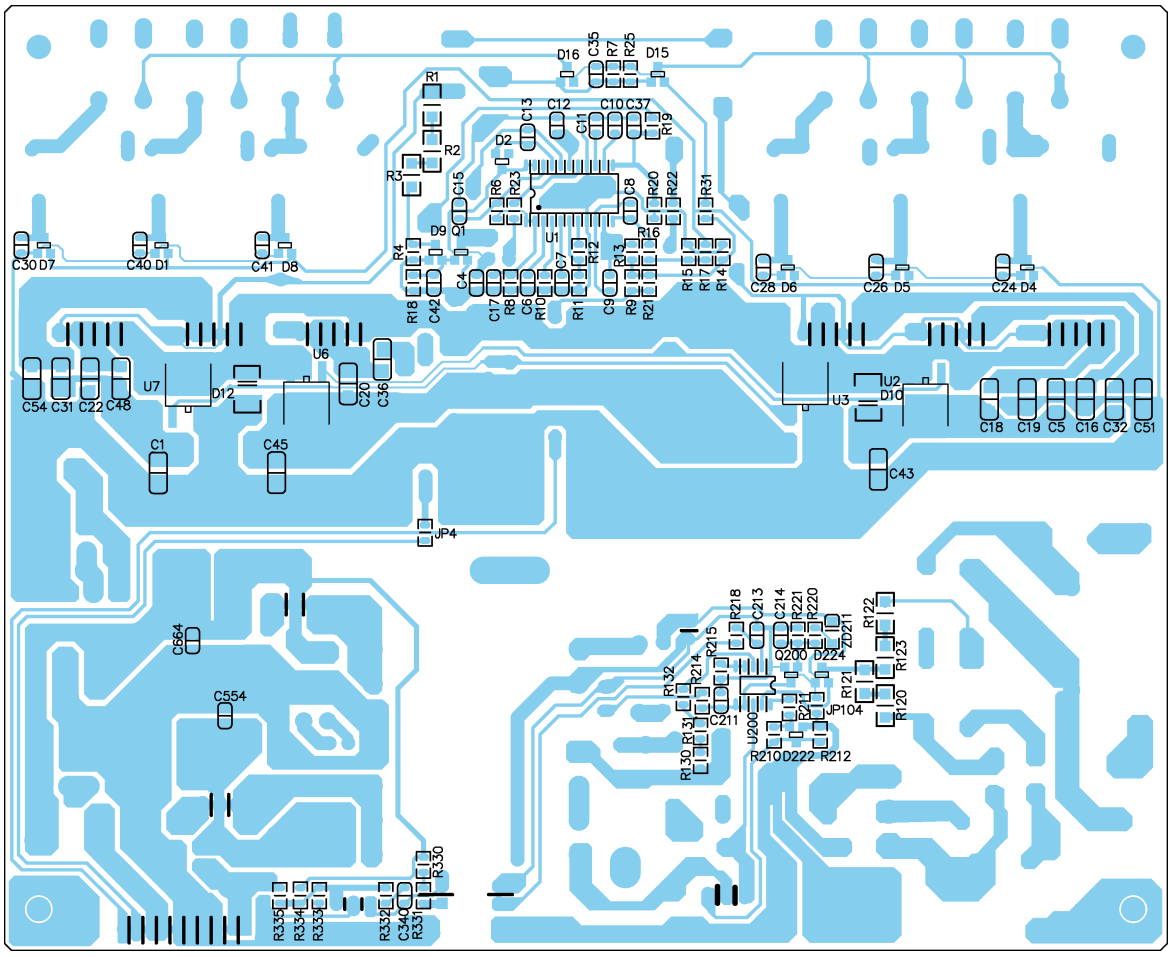
Vorabversion
Preliminary Version

## Netzteil-/Inverterplatte / Power Supply/Inverter Board FSP060-2L02A

Sicht auf Bestückungsseite / View on Component Side

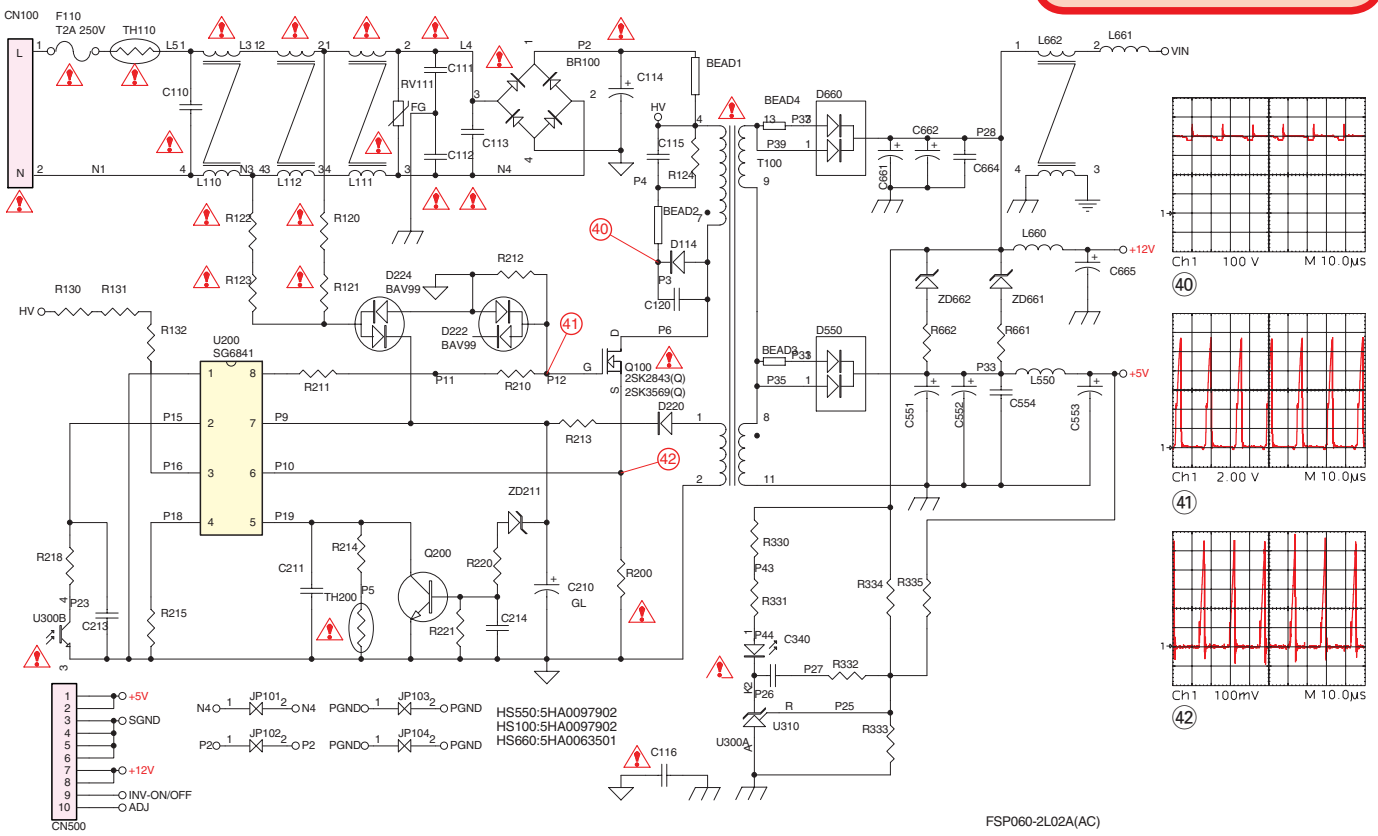



Sicht auf Lötseite / View on Solder Side

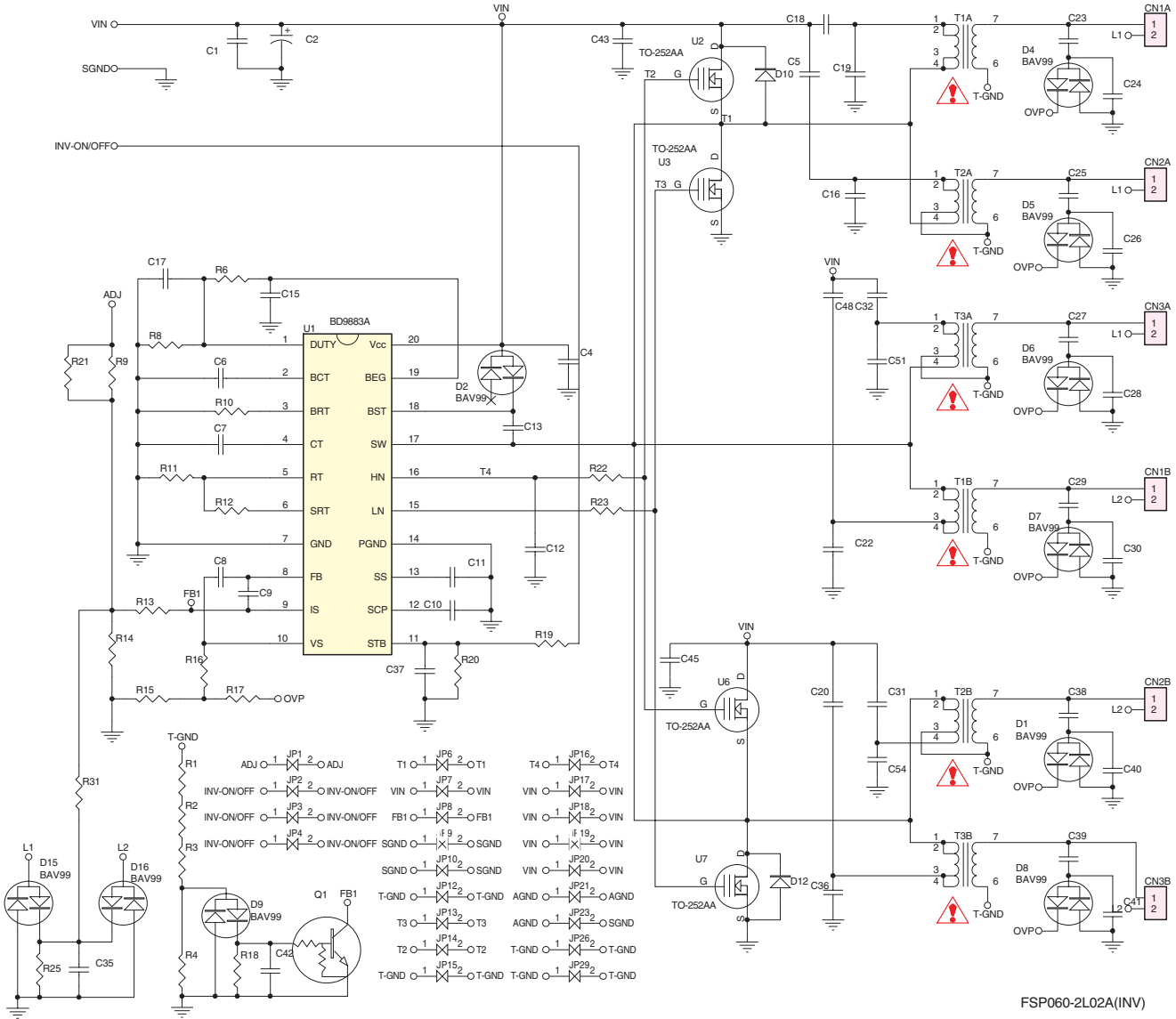


**Vorabversion**
**Preliminary Version**

# Netzteil-/Inverterplatte / Power Supply/Inverter Board FSP060-2L02A



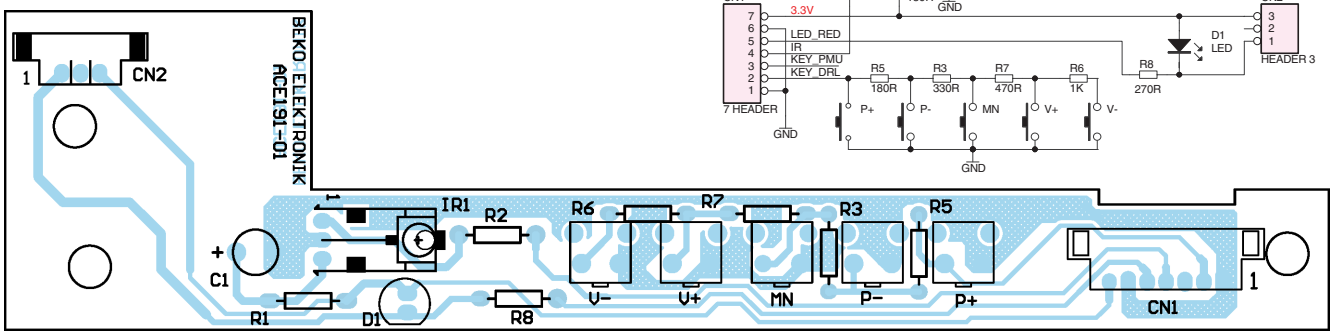

FSP060-2L02A(AC)

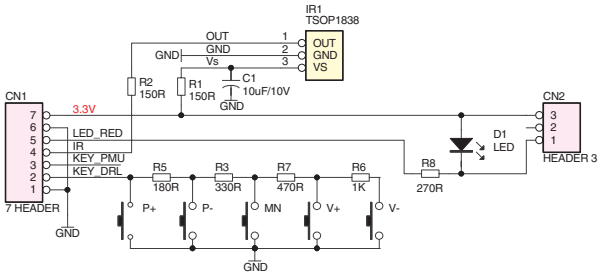



FSP060-2L02A(INV)

## **Keyboard** ACE191

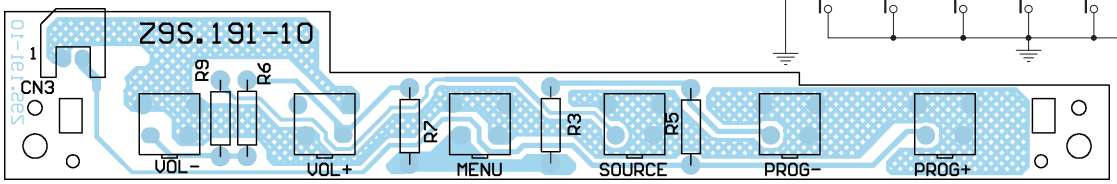
Ansicht von der Bestückungsseite / View of Component Side

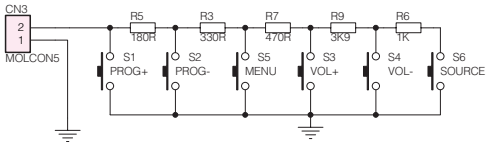



## **Keyboard** Z9S191

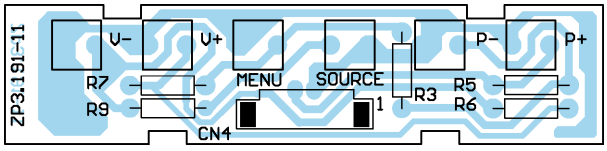
Ansicht von der Bestückungsseite / View of Component Side

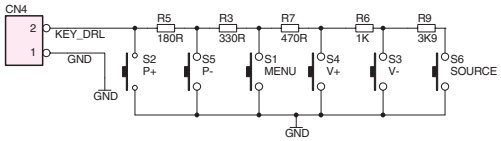



## **Keyboard** ZP3191

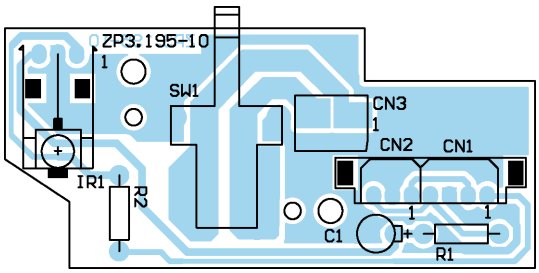
Ansicht von der Bestückungsseite / View of Component Side

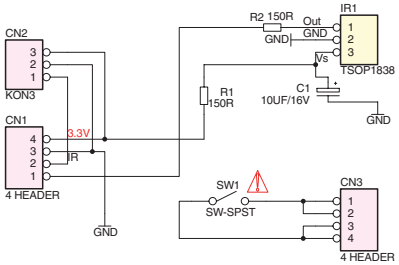



## **Netzschalter-Platte / Power Switch Board** ZP3195

Ansicht von der Bestückungsseite / View of Component Side

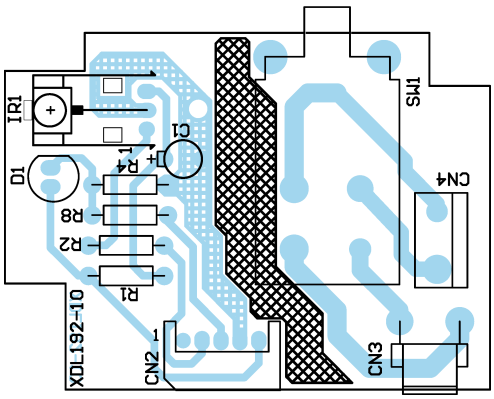


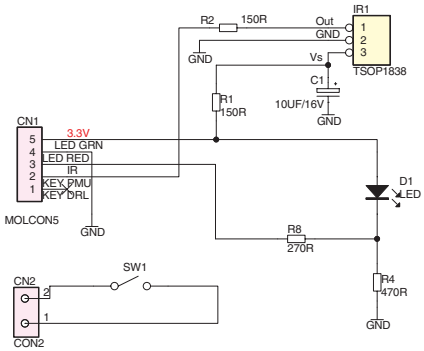




## **Netzschalter-Platte / Power Switch Board** XDL192

Ansicht von der Bestückungsseite / View of Component Side

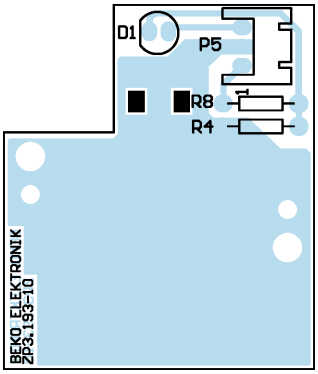
**Vorabversion**
**Preliminary Version**

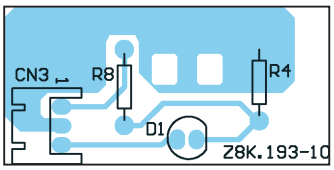


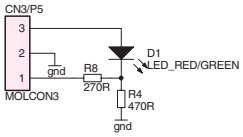



## LED-Platten / Boards ZP3193 / Z8K193

Ansicht von der Bestückungsseite / View of Component Side



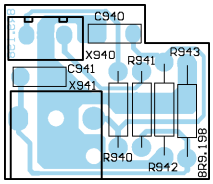



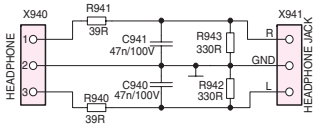




**Vorabversion**
**Preliminary Version**

## Kopfhörer-Platte / Head Phone Board 8R9198

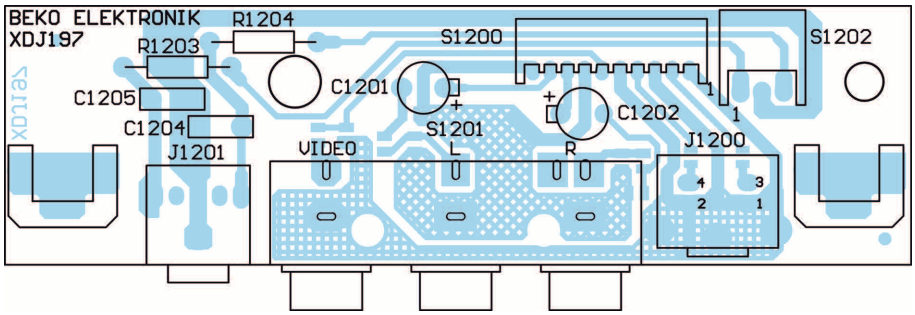
Ansicht von der Bestückungsseite / View of Component Side




## Buchsen-Platte / Socket Board XDJ197

Ansicht von der Bestückungsseite / View of Component Side




Ansicht von der Lötseite / View of Solder Side